

Appendix C2: References from patents

- Altmannshofer, H., & Takahashi, J. (2018, June 14). *Driving assistance apparatus with human machine interface system*. Google Patents. (US Patent App. 15/826,071)
- Aoki, K., & Hashimoto, R. (2018, May 8). *Vehicle control device*. Google Patents. (US Patent 9,963,149)
- Arai, Y., & Nakai, W. (2018, December 13). *Driving assistance method, and driving assistance device, information presentation device, and recording medium using same*. Google Patents. (US Patent App. 16/060,044)
- Bertollini, G. P., Szczerba, J. F., & Mathieu, R. J. (2017, July 27). *Autonomous vehicle control system and method*. Google Patents. (US Patent App. 15/006,750)
- Bertollini, G. P., Szczerba, J. F., & Mathieu, R. J. (2018, September 25). *Autonomous vehicle control system and method*. Google Patents. (US Patent App. 10/082,791)
- Boule, A., Chick, S., Powell, T. R., & Schubert, E. (2018, November 22). *Device, method, and graphical user interface for presenting vehicular notifications*. Google Patents. (US Patent App. 15/978,112)
- Christian, M., & Mueller, A. (2016, June 23). *Method for operating a head-up display, presentation apparatus, vehicle*. Google Patents. (US Patent App. 14/970,195)
- Coopridge, T. O., Shen, S., & Ibrahim, F. (2012, September 27). *Driver assistance system*. Google Patents. (US Patent App. 13/427,806)
- Ebina, A. (2018, November 8). *Vehicle information presenting device*. Google Patents. (US Patent App. 16/033,451)
- Erick Michael Lavoie, M. B. a. B. G. H. (2016, August 18). *System and method for parallel parking a vehicle*. Google Patents. (US Patent App. 14/621,536)

- Fairgrieve, A., Hemes, E., Kelly, J., Dennehy, D., & Anker, S. (2017, March 7). *Vehicle control system and method*. Google Patents. (US Patent 9,586,595)
- Fairgrieve, A., Kelly, J., Gilling, S., & Woolliscroft, D. (2015, August 6). *Vehicle speed control system and method*. Google Patents. (US Patent App. 14/421,938)
- Feit, S., Miller, R. C., & Champi, J. (2018, May 17). *Human-vehicle interaction*. Google Patents. (US Patent App. 15/669,992)
- Gordh, M., & Vahtra, R. (2013, September 19). *System for driver-vehicle interaction*. Google Patents. (US Patent 13/606,762)
- Hahne, U. (2015, February 19). *Driver assistance system and method for operating a driver assistance system*. Google Patents. (US Patent 14/460,136)
- Hashimoto, R., Torii, H., & Taira, T. (2016, August 15). *Vehicle control device*. Google Patents. (US Patent 9,733,642)
- Hashimoto, R., Torii, H., & Taira, T. (2017, August 15). *Vehicle control device*. Google Patents. (US Patent 9,733,642)
- Heather Konet, R. G. A. C. N. P. J. C., Adrian Tan. (2016, December 29). *Vehicle operation assistance information management*. Google Patents. (US Patent App. 14/749,373)
- Heckmann, M., & Wersing, H. (2015, May 16). *Method for controlling a driver assistance system*. Google Patents. (US Patent 9,650,056)
- Hongsoo, P., Jaeseung, L., & Kim, Y. (2017, November 2). *Combiner-positioning apparatus for vehicular head-up display and vehicle including the same*. Google Patents. (US Patent App. 15/498,154)
- Hoye, B., Lambert, D., & Sutton, G. (2016, January 19). *Automatic engagement of a driver assistance system*. Google Patents. (US Patent 9,238,467)
- Huang, P.-s. D. (2018, November 10). *Method of operating a vehicle according to a request by a vehicle occupant*. Google Patents. (US Patent App. 15/210,984)
- Iguchi, S. (2018, January 25). *Vehicle display control device and vehicle display control method*. Google Patents. (US Patent App. 15/899,650)
- Imai, N., Kato, M., Kiyokawa, Y., Tomozawa, M., & Yuichi, U. (2018, August 23). *Driving assistance apparatus*. Google Patents. (US Patent App. 15/899,650)
- Jablonski, R. C. (2018, April 5). *Method and apparatus for controlling a vehicle*. Google Patents. (US Patent App. 15/285,741)
- Jerusalem, C. R., Huth, J., & Schmidt, G. (2013, October 17). *Warning system with warning signaler of a vehicle and a method for warning occupants of a vehicle*. Google Patents. (US Patent App. 13/782,696)
- Jones, M. D., Dacko, M. J., & Kirby, B. T. (2019, March 5). *Vehicle control system*. Google Patents. (US Patent App. 10/220,857)
- Kashiba, Y., & Matsubara, T. (2016, July 28). *Autonomous driving device*. Google Patents. (US Patent App. 14/951,751)
- Kato, M., & Fujii, Y. (2018, September 13). *Vehicle alert apparatus*. Google Patents. (US Patent App. 15/976,377)

- Kim, J. S. (2018, May 3). *Parking assistance system and parking assistance method*. Google Patents. (US Patent App. 15/802,194)
- Kim, J. W. (2015, July 7). *Augmented reality display system and method for vehicle*. Google Patents. (US Patent 9,075,563)
- Ko, H., Choi, J., & Jeon, D. S. (2019, March 5). *Vehicle and control method thereof*. Google Patents. (US Patent App. 10/220,844)
- Kornhaas, R. (2015, March 19). *Driver assistance system for a motor vehicle*. Google Patents. (US Patent App. 14/490,053)
- Korthauer, A., & Placke, L. (2010, February 25). *Method and device for voice control of a device or of a system in a motor vehicle*. Google Patents. (US Patent App. 11/883,091)
- Kozman, D., & Massoud, Y. (2018, May 10). *Autonomous vehicle management*. Google Patents. (US Patent App. 15/344,700)
- Kumagai, T. (2016, September 29). *Drive support system and drive support method*. Google Patents. (US Patent 14/893,164)
- Kurt, A., Redmill, K., Thomas, G., & Ozguner, U. (2018, February 22). *Method for autonomously parking a motor vehicle for head-in, tail-in, and parallel parking spots*. Google Patents. (US Patent App. 15/242,173)
- Levin, D., Westervall, L., Markkula, G., Kronberg, P., & Victor, T. (2015, August 11). *System and method for improving a performance estimation of an operator of a vehicle*. Google Patents. (US Patent 9,101,313)
- Liu, R., Sun, J., Yan, Q., & Zhang, Z. (2019, January 10). *System, method and apparatus for controlling autonomous driving vehicle*. Google Patents. (US Patent App. 16/025,310)
- Lo, R. (2008, June 26). *Distance warning device for vehicle*. Google Patents. (US Patent App. 11/644,919)
- Makke, O., & Kadry, H. M. (2018, September 13). *In-vehicle haptic output*. Google Patents. (US Patent App. 15/762,709)
- Matsumoto, K. (2016, August 4). *Drive assistance apparatus*. Google Patents. (US Patent 15/012,191)
- Matsumoto, K. (2017, June 13). *Drive assistance apparatus*. Google Patents. (US Patent 9,679,488)
- Matsumura, T. (2015, April 2). *Driving assistance apparatus*. Google Patents. (US Patent 14/495,989)
- McCarthy, K. C., Uhlmann, E. V., & Lynam, N. R. (2004, January 13). *Navigation system for a vehicle*. Google Patents. (US Patent 6,678,614)
- McNew, J. M., & Vladimerou, V. (2016, March 10). *Management of driver and vehicle modes for semi-autonomous driving systems*. Google Patents. (US Patent App. 14/477,445)
- Miller, R., & Tascillo, A. (2004, May 06). *Blind spot warning system for an automotive vehicle*. Google Patents. (US Patent 10/065,556)
- Miller, R. H., & Tascillo, A. L. (2005, February 22). *Blind spot warning system for an automotive vehicle*. Google Patents. (US Patent 6,859,148)
- Miyakoshi, T., Mizuno, H., Takamatsu, H., Otake, H., Kondo, M., & Kawai, K. (2005, June 23). *Vehicle integrated control system*. Google Patents. (US Patent App. 11/009,467)

- Mohr, P., Gariepy, R. C., & Kaynama, S. (2016, December 1). *Method, system and apparatus for controlling self-driving vehicles*. Google Patents. (US Patent App. 15/166,533)
- Munaoka, Y., & Banno, H. (2017, June 8). *In-vehicle control apparatus*. Google Patents. (US Patent App. 15/325,749)
- Nagy, A., Becker, J., & Dechant, M. A. F. (2018, January 4). *Adaptive user interface for an autonomous vehicle*. Google Patents. (US Patent App. 15/540,350)
- Nelson, Z. D. (2015, October 29). *Haptic steering wheel*. Google Patents. (US Patent App. 14/259,653)
- Nogimori, W. (2018, September 13). *Drive assist apparatus*. Google Patents. (US Patent App. 15/758,521)
- Noh, T. B. (2014, February 13). *Parking assistance apparatus and parking assistance method thereof*. Google Patents. (US Patent 13/962,281)
- Noh, T. B. (2015, September 1). *Parking assistance apparatus and parking assistance method thereof*. Google Patents. (US Patent 9,123,253)
- Okuda, Y. (2014, April 3). *Driving assistance apparatus and driving assistance method*. Google Patents. (US Patent App. 14/039,738)
- Oooka, M., Narita, T., & Noto, N. (2015, December 3). *Driving assistance apparatus*. Google Patents. (US Patent App. 14/722,232)
- Otake, H. (2016, February 16). *Vehicle-use signal information processing device and vehicle-use signal information processing method, as well as driving assistance device and driving assistance method*. Google Patents. (US Patent 9,262,918)
- Pitzer, F. (2017, May 25). *Motor vehicle steering wheel having a display unit in the steering wheel rim*. Google Patents. (US Patent App. 15/426,315)
- Sato, J., & Iwasaki, M. (2016, February 4). *Vehicle control apparatus and vehicle control method*. Google Patents. (US Patent 14/815,180)
- Sato, J., & Iwasaki, M. (2017, July 11). *Vehicle control apparatus and vehicle control method*. Google Patents. (US Patent 9,703,289)
- Schofield, K. (2005, April 19). *Automotive lane change aid*. Google Patents. (US Patent 6,882,287)
- Schofield, K. (2008, April 8). *Automotive lane change aid*. Google Patents. (US Patent 7,355,524)
- Schofield, K. (2016, January 26). *Driver assistance system for a vehicle*. Google Patents. (US Patent 9,245,448)
- Schofield, K. (2017, February 2). *Driver assistance system for a vehicle*. Google Patents. (US Patent App. 15/289,341)
- Schwindt, O., & Bordes, M. E. G. (2014, May 6). *Driver assistance systems using radar and video*. Google Patents. (US Patent 8,718,899)
- Shigeta, A., Aoyagi, T., & Haga, T. (2016, November 24). *Display control apparatus, display control method of display control apparatus, and eye gaze direction detection system*. Google Patents. (US Patent 15/114,759)
- Shigeta, A., Aoyagi, T., & Haga, T. (2017, October 10). *Display control apparatus, display control method of display control apparatus, and eye gaze direction detection system*. Google Patents. (US Patent 9,785,235)

- Simon, S. (2014, August 14). *Method and display unit for displaying a driving condition of a vehicle and corresponding computer program product*. Google Patents. (US Patent 14/126,20)
- Slaton, Z., van der Meijs, F., Jahns, S. K., Doll, J. W. A., Lotz, J., Harbach, A. P., . . . Droogendijk, C. (2016, July 19). *Predictive cruise control system with advanced operator control and feedback*. Google Patents. (US Patent 9,393,963)
- Srail, D. A. (2017, December 12). *Automated vehicle human-machine interface system based on glance-direction*. Google Patents. (US Patent 9,841,813)
- Strumolo, G. S., Greenberg, J. A., & Chen, Y. (2011, August 4). *Steering wheel human/machine interface system and method*. Google Patents. (US Patent App. 12/698,359)
- Szczerba, J. F., Neiiendam, T. E., Lu, P., & Huang, X. (2017, May 4). *Gesture-based vehicle-user interaction*. Google Patents. (US Patent App. 15/342,451)
- Szybalski, A. T., Prada Gomez, L. R., Urmson, C. P., Thrun, S., & Nemec, P. (2018, September 25). *User interface for displaying internal state of autonomous driving system*. (US Patent App. 15/344,007)
- Tadashi Miyahara, S. I. Y. S. Y. S. Y. K., Mitsuo Shimotani, & Kimura, J. (2018, August 02). *Vehicle information display control device, and method for displaying automatic driving information*. Google Patents. (US Patent 15/747,954)
- Taira, T., & Watanabe, Y. (2016, October 20). *Vehicle traveling control device*. Google Patents. (US Patent 9,884,625)
- Takahashi, N., & Kuriyama, T. (2018, February 27). *Driving control device*. Google Patents. (US Patent 9,902,398)
- Takamatsu, H., Hirose, M., Mizuno, H., Hashimoto, Y., & Otake, H. (2013, May 14). *Vehicle integrated control system*. Google Patents. (US Patent 8,442,699)
- Takamatsu, H., Miyakoshi, T., Otake, H., Mizuno, H., Kondo, M., & Kawai, K. (2007, July 10). *Vehicle integrated control system*. Google Patents. (US Patent 7,243,014)
- Takamatsu, H., & Tokura, T. (2007, June 21). *Vehicle integrated control system*. Google Patents. (US Patent App. 10/582,274)
- Talamonti, W. J., Chung, S.-a., & Tijerina, L. (2018, October 4). *Vehicle human machine interface control*. Google Patents. (US Patent App. 15/608,266)
- Tan, A. (2016a, March 31). *Vehicle interface input receiving method*. Google Patents. (US Patent 14/498,747)
- Tan, A. (2016b, February 2). *Vehicle interface system*. Google Patents. (US Patent 9,248,839)
- Tauchi, M., Tanaka, K., & Kamiya, A. (2017, April 20). *Vehicular display control device*. Google Patents. (US Patent App. 15/128,570)
- Tauchi, M., Tanaka, K., & Kamiya, A. (2018, December 13). *Vehicular display control device*. Google Patents. (US Patent App. 16/045,783)
- Tippelhofer, M., Maiwand, H., Camhi, J., & Fregoso, M. A. L. (2016, September 11). *Human machine interface*. Google Patents. (US Patent

- 13/790,892)
- Torii, T. (2017, June 1). *Information processing device, vehicle information processing device, information processing method, and vehicle information processing method*. Google Patents. (US Patent App. 15/351,751)
- Uno, S. (2015a, December 17). *Drive assist system, drive assist method, and drive assist device*. Google Patents. (US Patent 14/763,636)
- Uno, S. (2015b, October 8). *Driving assistance system, driving assistance method and assistance information providing apparatus*. Google Patents. (US Patent 14/438,444)
- Uno, S. (2016, August 9). *Drive assist system, drive assist method, and drive assist device*. Google Patents. (US Patent 14/763,636)
- Urano, H., & Okumura, B. (2018, July 26). *Autonomous driving system*. Google Patents. (US Patent App. 15/877,476)
- Watanabe, K., Emura, K., Tsuji, M., Mori, T., & Nakai, W. (2018, April 19). *Driving assistance method, and driving assistance device, driving control device, vehicle, driving assistance program, and recording medium using said method*. Google Patents. (US Patent App. 15/565,884)
- Yamada, K., Yamaji, O., Gojyo, A., Kajita, S., Mori, T., & Okada, M. (2018, July 12). *Driving support device, driving support system and driving support method*. Google Patents. (US Patent App. 15/913,660)
- Yamamoto, N. (2018, February 1). *Vehicle display control device and vehicle display control method*. Google Patents. (US Patent App. 15/549,462)
- Yamaoka, M. (2016, November 3). *Vehicle travel control device*. Google Patents. (US Patent 15/068,809)
- Yamaoka, M. (2018, February 20). *Vehicle travel control device*. Google Patents. (US Patent 9,896,098)
- Yoshihashi, A., Kubota, Y., Endo, T., Kawabata, Y., Nonoyama, T., Ohira, T., ... Ito, T. (2011, October 11). *Parking support device*. Google Patents. (US Patent 8,035,531)
- Yoshihashi, A., Kubota, Y., Endo, T., Kawabata, Y., Nonoyama, T., Ohira, T., ... Ito, T. (2013, July 16). *Parking support device*. Google Patents. (US Patent 8,487,783)
- Zelman, I., & Tsimhoni, O. (2016, December 1). *Situational awareness for a vehicle*. Google Patents. (US Patent App. 15/115,176)