

Title (en)
DRIVING MANAGEMENT SYSTEM IN VEHICLE FLEET AND CORRESPONDING METHOD

Title (de)
MANAGEMENTSYSTEM FÜR FAHRVERHALTEN IN FAHRZEUGFLOTTEN UND ENTSPRECHENDE METHODE

Title (fr)
SYSTÈME DE GESTION DE LA CONDUITE DANS LA FLOTTE DE VÉHICULES ET LA MÉTHODE CORRESPONDANTE

Publication
EP 3070652 A1 20160921 (EN)

Application
EP 15382120 A 20150317

Priority
EP 15382120 A 20150317

Abstract (en)
The present invention relates to a driving management system in fleets of vehicles which makes it possible to perform an individualized monitoring both of the vehicles forming the fleet and of the drivers which occupy each one of the vehicles, automatically recording and managing the data both of the vehicles and of the drivers onboard, and to the associated method which establishes a set of stages to perform the optimum operation of the previous management system.

IPC 8 full level
G06Q 10/06 (2012.01); **G07C 5/00** (2006.01); **G07C 5/08** (2006.01)

CPC (source: EP)
G06Q 50/40 (2024.01); **G07C 5/008** (2013.01); **G07C 5/0808** (2013.01)

Citation (applicant)
• US 7715961 B1 20100511 - KARGUPTA HILLOL [US]
• US 6253129 B1 20010626 - JENKINS PAUL C [US], et al

Citation (search report)
• [XII] US 8478514 B2 20130702 - KARGUPTA HILLOL [US]
• [XI] ABEL RIONDA ET AL: "Blended learning system for efficient professional driving", COMPUTERS & EDUCATION, vol. 78, 11 June 2014 (2014-06-11), pages 124 - 139, XP055201898, ISSN: 0360-1315, DOI: 10.1016/j.compedu.2014.05.008
• [XI] RUI ARAUJO ET AL: "Driving coach: A smartphone application to evaluate driving efficient patterns", INTELLIGENT VEHICLES SYMPOSIUM (IV), 2012 IEEE, IEEE, 3 June 2012 (2012-06-03), pages 1005 - 1010, XP032453095, ISBN: 978-1-4673-2119-8, DOI: 10.1109/IVS.2012.6232304
• [XI] ABEL RIONDA RODRIGUEZ ET AL: "Tutoring System for the Efficient Driving of Combustion Vehicles", IEEE JOURNAL OF LATIN-AMERICAN LEARNING TECHNOLOGIES, IEEE, PISCATAWAY, NJ, USA, vol. 8, no. 2, 16 May 2013 (2013-05-16), pages 82 - 89, XP011511109, ISSN: 1932-8540, DOI: 10.1109/RITA.2013.2258232
• [XI] RIONDA A ET AL: "UrVAMM - A full service for environmental-urban and driving monitoring of professional fl", 2013 INTERNATIONAL CONFERENCE ON NEW CONCEPTS IN SMART CITIES: FOSTERING PUBLIC AND PRIVATE ALLIANCES (SMARTMILE), IEEE, 11 December 2013 (2013-12-11), pages 1 - 6, XP032545134, DOI: 10.1109/SMARTMILE.2013.6708173
• [I] BEUSEN B ET AL: "Using on-board logging devices to study the longer-term impact of an eco-driving course", TRANSPORTATION RESEARCH PART D: TRANSPORT AND ENVIRONMENT, PERGAMON, AMSTERDAM, NL, vol. 14, no. 7, 9 July 2009 (2009-07-09), pages 514 - 520, XP026521596, ISSN: 1361-9209, [retrieved on 20090709], DOI: 10.1016/J.TRD.2009.05.009
• [I] HILLOL KARGUPTA ET AL: "MineFleet", PROCEEDINGS OF THE 16TH ACM SIGKDD INTERNATIONAL CONFERENCE ON KNOWLEDGE DISCOVERY AND DATA MINING, KDD '10, 28 July 2010 (2010-07-28), New York, New York, USA, pages 37, XP055201934, ISBN: 978-1-45-030055-1, DOI: 10.1145/1835804.1835812
• [I] PALLAB CHATTERJEE: "On-board diagnostics not just for racing anymore", INTERNET ARTICLE, 6 May 2013 (2013-05-06), XP055202095, Retrieved from the Internet <URL:http://www.edn.com/electronics-blogs/automotive-innovation/4413449/On-board-diagnostics-not-just-for-racing-anymore> [retrieved on 20150714]
• [I] WIKIPEDIA: "On-board diagnostics", INTERNET ARTICLE, 21 February 2015 (2015-02-21), XP055201783, Retrieved from the Internet <URL:https://en.wikipedia.org/w/index.php?title=On-board_diagnostics&oldid=648236471> [retrieved on 20150713]
• [A] WIKIPEDIA: "Microcontroller", INTERNET ARTICLE, 10 March 2015 (2015-03-10), XP055202112, Retrieved from the Internet <URL:https://en.wikipedia.org/w/index.php?title=Microcontroller&oldid=650796042> [retrieved on 20150714]
• [A] "Automotive Mechatronics: Automotive Networking, Driving Stability Systems, Electronics", 11 November 2014, SPRINGER, Wiesbaden, ISBN: 978-3-65-803975-2, article KONRAD REIF: "Automotive Mechatronics: Automotive Networking, Driving Stability Systems, Electronics", pages: 60 - 64, XP055202096

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3070652 A1 20160921

DOCDB simple family (application)
EP 15382120 A 20150317