

Title (en)
INTEGRATED VEHICLE CONTROL SYSTEM AND APPARATUS

Title (de)
INTEGRIERTES FAHRZEUGSTEUERUNGSSYSTEM UND VORRICHTUNG

Title (fr)
SYSTÈME ET APPAREIL DE COMMANDE DE VÉHICULE INTÉGRÉ

Publication
EP 3046806 A4 20170517 (EN)

Application
EP 14845919 A 20140905

Priority
• US 201314030444 A 20130918
• US 2014054204 W 20140905

Abstract (en)
[origin: WO2015041864A1] The present invention provides a system which integrates motor vehicle component operation into actuators located in the rim of a motor vehicle steering wheel. The two actuators of the system of the present invention are located in an arc segment of the steering wheel defined by the three o'clock and 12 o'clock positions for the right-hand actuator and the nine o'clock and 12 o'clock positions for the left-hand actuator. The actuators may operate in parallel with a conventional stalk switch or controls associated with an on board computer and only operate a motor vehicle component when activated and subsequently depressed.

IPC 8 full level
B60Q 1/34 (2006.01); **B60K 37/06** (2006.01); **B60Q 1/14** (2006.01)

CPC (source: EP KR US)
B60K 35/10 (2024.01 - EP KR); **B60K 35/25** (2024.01 - EP); **B60K 35/29** (2024.01 - EP); **B60K 35/60** (2024.01 - EP);
B60Q 1/1484 (2013.01 - KR); **B60Q 1/343** (2013.01 - EP KR US); **B62D 1/046** (2013.01 - KR); **B60K 35/10** (2024.01 - US);
B60K 35/25 (2024.01 - US); **B60K 35/29** (2024.01 - US); **B60K 2360/128** (2024.01 - EP US); **B60K 2360/139** (2024.01 - EP US);
B60K 2360/197 (2024.01 - EP US); **B60K 2360/48** (2024.01 - EP US); **B60K 2360/782** (2024.01 - EP); **B60Q 1/1484** (2013.01 - EP)

Citation (search report)
• [Y] US 2012221200 A1 20120830 - GOLOMB ADAM SIMON [US]
• [Y] DE 4428369 A1 19960215 - DEERE & CO [US]
• [Y] US 6034600 A 20000307 - BROWNE JOSEPH E [US], et al
• [Y] JP 2011001038 A 20110106 - TOKAI RIKAI CO LTD
• See also references of WO 2015041864A1

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

DOCDB simple family (publication)
WO 2015041864 A1 20150326; CA 2923130 A1 20150326; CN 105555609 A 20160504; EP 3046806 A1 20160727; EP 3046806 A4 20170517;
HK 1218281 A1 20170210; JP 2016535701 A 20161117; KR 20160058111 A 20160524

DOCDB simple family (application)
US 2014054204 W 20140905; CA 2923130 A 20140905; CN 201480051276 A 20140905; EP 14845919 A 20140905; HK 16106344 A 20160603;
JP 2016543922 A 20140905; KR 20167007786 A 20140905