

Title (en)

INTEGRATED VEHICLE CONTROL SYSTEM AND APPARATUS

Title (de)

INTEGRIERTES FAHRZEUGSTEUERUNGSSYSTEM UND VORRICHTUNG

Title (fr)

SYSTÈME ET APPAREIL DE COMMANDE DE VÉHICULE INTÉGRÉS

Publication

EP 2847039 A1 20150318 (EN)

Application

EP 12876446 A 20120817

Priority

- US 201213465468 A 20120507
- US 2012051464 W 20120817

Abstract (en)

[origin: WO2013169281A1] 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. The integrated vehicle control system and apparatus of the present invention further provides for vehicle component operation which does not require a driver to remove his or her hands from the steering wheel.

IPC 8 full level

B60Q 1/00 (2006.01); **B23K 11/24** (2006.01); **H04Q 5/22** (2006.01)

CPC (source: EP KR)

B60R 16/02 (2013.01 - KR); **B60R 16/0231** (2013.01 - KR); **B60R 16/0307** (2013.01 - KR); **B62D 1/046** (2013.01 - EP KR); **B62D 1/06** (2013.01 - EP KR); **B60Y 2200/11** (2013.01 - KR); **B60Y 2200/14** (2013.01 - KR); **B60Y 2200/147** (2013.01 - KR); **B60Y 2200/24** (2013.01 - KR); **B60Y 2200/86** (2013.01 - KR); **H04Q 2213/098** (2013.01 - EP KR)

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)

WO 2013169281 A1 20131114; CA 2871361 A1 20131114; CN 104271396 A 20150107; EP 2847039 A1 20150318; EP 2847039 A4 20160302; HK 1202494 A1 20151002; JP 2015520694 A 20150723; JP 2017206250 A 20171124; KR 20150018511 A 20150223

DOCDB simple family (application)

US 2012051464 W 20120817; CA 2871361 A 20120817; CN 201280073033 A 20120817; EP 12876446 A 20120817; HK 15103230 A 20150331; JP 2015511430 A 20120817; JP 2017132704 A 20170706; KR 20147031477 A 20120817