

Title (en)  
IDLING CONTROL SYSTEM AND METHOD

Title (de)  
LEERLAUFREGELUNGSSYSTEM UND -VERFAHREN

Title (fr)  
SYSTÈME ET PROCÉDÉ DE COMMANDE DU RALENTI

Publication  
**EP 2268908 A4 20110803 (EN)**

Application  
**EP 08793426 A 20080822**

Priority  
• KR 2008004916 W 20080822  
• KR 20080025698 A 20080320

Abstract (en)  
[origin: WO2009116708A1] An idling control system for controlling idling when a vehicle waits for a traffic signal while traveling, is provided with a communication terminal device for receiving traffic signal information transmitted at a preset periodic transmission time; a vehicle control device for determining an idling state and providing idling information; and an idling control device for performing idling control on a basis of the idling information. Further, the idling control device compares the traffic signal information with the idling information and selectively provides an ignition ON/OFF control signal to the vehicle control device according to a signal waiting time.

IPC 8 full level  
**F02D 41/04** (2006.01); **F02N 11/08** (2006.01)

CPC (source: EP KR)  
**B60W 10/06** (2013.01 - EP); **B60W 30/18054** (2013.01 - EP); **F02D 41/042** (2013.01 - EP); **F02D 41/08** (2013.01 - KR); **F02D 41/16** (2013.01 - KR); **F02D 45/00** (2013.01 - KR); **F02N 11/0837** (2013.01 - EP); **G08G 1/096725** (2013.01 - EP); **F02D 41/1441** (2013.01 - EP); **F02D 2200/701** (2013.01 - EP); **F02N 2200/125** (2013.01 - EP); **F02N 2300/306** (2013.01 - EP); **Y02T 10/40** (2013.01 - EP)

Citation (search report)  
• [X] US 5451820 A 19950919 - GOTOH TAKEO [JP], et al  
• [X] DE 10234064 A1 20040212 - AUDI AG [DE]  
• [X] US 6629515 B1 20031007 - YAMAMOTO KAZUHISA [JP], et al  
• [X] WO 03001055 A1 20030103 - CONTI TEMIC MICROELECTRONIC [DE], et al  
• [X] JP 2000073808 A 20000307 - DAIHATSU MOTOR CO LTD  
• [X] JP H10299531 A 19981110 - YAZAKI CORP  
• [X] JP 2001028096 A 20010130 - TRANSP SYSTEMS ELECTRIC CORP, et al  
• See references of WO 2009116708A1

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

DOCDB simple family (publication)  
**WO 2009116708 A1 20090924**; EP 2268908 A1 20110105; EP 2268908 A4 20110803; KR 20090100497 A 20090924

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**KR 2008004916 W 20080822**; EP 08793426 A 20080822; KR 20080025698 A 20080320