

Title (en)  
Method and system for temporary increase of the capacity of a highway

Title (de)  
Verfahren und System zur zeitweiligen Erhöhung der Kapazität einer Autobahn

Title (fr)  
Procédé et système d'augmentation temporaire de la capacité d'une autoroute

Publication  
**EP 1726716 A1 20061129 (FR)**

Application  
**EP 06290788 A 20060516**

Priority  
FR 0505161 A 20050523

Abstract (en)  
The procedure, for use on a motorway consisting of one or more traffic lanes (V1 - V3) and a hard shoulder (BAU) for stopping in an emergency, employs a system of road surface markers (LT1, LT2, LT3) such as luminous studs that can be activated to convert the hard shoulder into a supplementary road traffic lane (VS) and to return it to normal use. The surface markers also adjust the lane width so that the hard shoulder is the same width as the other lanes. At the same time indicators (FAV2) can be used to reduce the maximum permitted traffic speed e.g. from 130 to 110 kmph.

IPC 8 full level  
**E01F 9/06** (2006.01); **G08G 1/01** (2006.01); **G08G 1/08** (2006.01)

CPC (source: EP)  
**G08G 1/0104** (2013.01); **G08G 1/08** (2013.01)

Citation (search report)

- [A] US 2005079013 A1 20050414 - RAAIJMAKERS ANTONIUS HENRICUS [NL], et al
- [A] JACQUES NOUVIER: "The variable assignment of roads and public spaces", 2004, XP002361036
- [PA] SIMON COHEN: "La gestion dynamique des voies: un outil efficace d'exploitation des autoroutes?", September 2005, XP002361037
- [A] ASTUCIA: "Holland - A50 Case Study", 19 March 2005, XP002361038

Cited by  
DE102007027963A1; FR3101835A1; US11645907B2; CN108986487A; EP3417438A4; WO2017203508A1; WO2017142942A1; US11170641B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1726716 A1 20061129; EP 1726716 B1 20070919**; AT E373747 T1 20071015; DE 602006000116 D1 20071031; FR 2886036 A1 20061124; FR 2886036 B1 20070713

DOCDB simple family (application)  
**EP 06290788 A 20060516**; AT 06290788 T 20060516; DE 602006000116 T 20060516; FR 0505161 A 20050523