

Title (en)
SPARE TIRE MASS DAMPER

Title (de)
ERSATZRADMASSENDÄMPFER

Title (fr)
AMORTISSEUR DE MASSE POUR PNEU DE RECHANGE

Publication
EP 1819260 A4 20110518 (EN)

Application
EP 05810382 A 20051019

Priority
• US 2005037547 W 20051019
• US 62005104 P 20041019
• US 62624704 P 20041109

Abstract (en)
[origin: WO2006044943A2] The present disclosure relates to a damper assembly for use in a vehicle structure that includes a spare tire mounted thereto is provided. The damper assembly includes a support member extending from the structure and a damper secured to the support member. The damper is operatively interposed between and interconnects the structure and the spare tire for modulating relative motion of the spare tire with respect to the structure for damping vibrations of the structure.

IPC 8 full level
A47H 1/10 (2006.01)

CPC (source: EP KR US)
B62D 43/00 (2013.01 - KR); **B62D 43/02** (2013.01 - KR); **B62D 43/04** (2013.01 - EP US); **B62D 43/045** (2013.01 - EP US); **F16F 7/1028** (2013.01 - EP US); **F16F 15/00** (2013.01 - KR)

Citation (search report)
• [XYI] JP S58112883 A 19830705 - TOYO KOGYO CO
• [XYI] JP H11198869 A 19990727 - NISSAN MOTOR
• [Y] EP 0347545 A1 19891227 - PORSCHE AG [DE]
• [Y] US 4548540 A 19851022 - RENFRO DON C [US]
• [X] GB 2365394 A 20020220 - ROVER GROUP [GB], et al
• See references of WO 2006044943A2

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

DOCDB simple family (publication)
WO 2006044943 A2 20060427; **WO 2006044943 A3 20090205**; CA 2584220 A1 20060427; CA 2584220 C 20150519; CN 101431927 A 20090513; CN 101431927 B 20130501; EP 1819260 A2 20070822; EP 1819260 A4 20110518; JP 2008516850 A 20080522; KR 101241847 B1 20130312; KR 20070084103 A 20070824; US 2006108489 A1 20060525

DOCDB simple family (application)
US 2005037547 W 20051019; CA 2584220 A 20051019; CN 200580035754 A 20051019; EP 05810382 A 20051019; JP 2007537991 A 20051019; KR 20077010512 A 20051019; US 25400905 A 20051019