Title (en)
Vehicle door hinge

Title (de)
Fahrzeugtürscharnier

Title (fr)
Charnière de porte de véhicule

Publication
EP 2927408 A1 20151007 (EN)

Application
EP 14163542 A 20140404

Priority
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Abstract (en)
The present invention relates to a hinge for a vehicle door (15) comprising a first knuckle (2) adapted to be mounted on a body (17) of the vehicle, a second knuckle (3) adapted to be mounted on the door (15) of the vehicle, wherein the door (15) is movable between a closed position and an open position, a hinge pin (4) adapted to connect the two knuckles (2, 3) to each other in a hinged manner, and a door check strap (5) for preventing the door (15) from being opened beyond a predetermined opening angle and for holding the door (15) open at said predetermined opening angle. A catching member (6) is adapted to provide a detachable clipped connection between itself and the door check strap (5) in the open position of the door (15) at the predetermined opening angle.

IPC 8 full level
E05D 11/06 (2006.01); **E05D 11/10** (2006.01)

CPC (source: EP)
E05D 11/06 (2013.01); **E05D 11/1007** (2013.01); E05Y 2800/70 (2013.01); E05Y 2900/532 (2013.01)

Citation (applicant)
- US 6591452 B2 20030715 - JACQUIN DOMINIQUE [FR]
- US 7610657 B2 20091103 - DOSWELL WAYNE [CA], et al
- DE 202004013177 U1 20050818 - CARL KITTL AUTOTEILE GMBH [DE]
- US 6601268 B2 20030805 - SEO JEONG-MIN [KR]

Citation (search report)
- [XI] EP 2639389 A2 20130918 - ROLLMECH AUTOMOTIVE SAN VE TIC A S [TR]
- [XI] EP 1726758 A1 20061129 - DAIMLER CHRYSLER AG [DE]
- [X] FR 2108801 A1 19720526 - PAUMELLERIE ELECTRIQUE
- [AD] DE 202004013177 U1 20050818 - CARL KITTL AUTOTEILE GMBH [DE]

Cited by
US11725435B2; US11905745B2

Designated contracting state (EPC)
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