

Title (en)

SAFETY DEVICE FOR VEHICLE WHEEL

Title (de)

SICHERUNGSVORRICHTUNG FÜR EIN FAHRZEUGRAD

Title (fr)

DISPOSITIF DE SECURITE POUR ROUE DE VEHICULE

Publication

EP 1981721 A2 20081022 (FR)

Application

EP 07731575 A 20070205

Priority

- FR 2007050749 W 20070205
- FR 0650448 A 20060208

Abstract (en)

[origin: WO2007090986A2] The invention concerns a safety device (10) for a vehicle wheel (12), said wheel (12) comprising a rim (16) attached to said vehicle hub (18) by means of fixing screws (20) and equipped or capable of being equipped with a wheel cover (22). The invention is characterized in that it comprises anti-rotation means (26) designed to co-operate with the screws (20) fixing the rim (16) on the hub (18) integrated to said wheel cover. The invention also concerns the wheel cover (22) integrating said safety device (10) for a vehicle wheel (12).

IPC 8 full level

B60B 3/16 (2006.01); **B60B 7/00** (2006.01); **F16B 39/10** (2006.01)

CPC (source: EP US)

B60B 3/165 (2013.01 - EP US); **B60B 7/063** (2013.01 - EP US); **B60B 7/068** (2013.01 - EP US); **B60B 7/16** (2013.01 - EP US);
F16B 37/14 (2013.01 - EP US); **F16B 39/10** (2013.01 - EP US); **B60B 7/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2007090986A2

Citation (examination)

US 3620574 A 19711116 - COX PAUL D, et al

Cited by

FR3104065A1; WO2022253419A1; EP4238778A1; WO2023165851A1

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)

FR 2897014 A1 20070810; FR 2897014 B1 20090227; AU 2007213610 A1 20070816; BR PI0706891 A2 20110412; CA 2637296 A1 20070816;
CN 101395012 A 20090325; CN 101395012 B 20110316; EP 1981721 A2 20081022; JP 2009525915 A 20090716; RU 2008135970 A 20100320;
US 2009167074 A1 20090702; WO 2007090986 A2 20070816; WO 2007090986 A3 20071011

DOCDB simple family (application)

FR 0650448 A 20060208; AU 2007213610 A 20070205; BR PI0706891 A 20070205; CA 2637296 A 20070205; CN 200780003641 A 20070205;
EP 07731575 A 20070205; FR 2007050749 W 20070205; JP 2008553805 A 20070205; RU 2008135970 A 20070205; US 27857707 A 20070205