

Title (en)
Coupling device for vehicles

Title (de)
Kupplungseinrichtung für Fahrzeuge

Title (fr)
Couplage pour véhicules

Publication
EP 1741611 A2 20070110 (DE)

Application
EP 06014114 A 20060707

Priority
DE 102005032151 A 20050707

Abstract (en)
The coupling device (1) has a carrier device, an interface unit (2) with connecting elements and a protective cap (4) for an access point (2.1) connected to an operating device (6) with an operating element (6.1). The turning axis of the operating element is arranged so that the turning motion of the protective cap has a component perpendicular to the contact surface (2.3) between the protective cap and the interface unit.

IPC 8 full level
B61G 5/06 (2006.01); **B61G 5/10** (2006.01)

CPC (source: EP)
B61G 5/06 (2013.01); **B61G 5/10** (2013.01)

Cited by
AU2012201697B2; DE102019112860A1; DE102019114414A1; EP2505450A1; DE102019121975A1; WO2020229038A1; US8651302B2; WO2021028150A1; EP1857340B2

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 1741611 A2 20070110; EP 1741611 A3 20070207; EP 1741611 B1 20080528; AT E396899 T1 20080615; DE 102005032151 A1 20070111; DE 502006000821 D1 20080710; PL 1741611 T3 20090130; PT 1741611 E 20080905

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EP 06014114 A 20060707; AT 06014114 T 20060707; DE 102005032151 A 20050707; DE 502006000821 T 20060707; PL 06014114 T 20060707; PT 06014114 T 20060707