

Title (en)
Vehicle control pedals having release mechanism

Title (de)
Kraftfahrzeugpedale mit einem Entriegelungsmechanismus

Title (fr)
Pédales de commande de véhicules automobiles avec un mécanisme de déverrouillage

Publication
EP 2261764 A1 20101215 (EN)

Application
EP 09012183 A 20090925

Priority
IT TO20090441 A 20090610

Abstract (en)
Control pedals of a vehicle provided with a mechanism of release comprising a pedal 2 for being adjustably pivoted, so that to rotate with respect to a coupling support 3 connected to the front wall of a panel P for the separation of the passenger compartment from the engine compartment. The mechanism of release comprises a coupling bracket 4 which is integrally constrained to a frame cross member B of the vehicle and is constrained to the support 3, so that during a relative movement between the cross member and the panel caused by a substantially frontal impact of the vehicle, a relative movement of a predetermined quantity that determines the release of the pedal 2 from the support 3 can exist between the cross member and the support itself.

IPC 8 full level
G05G 1/327 (2008.04)

CPC (source: EP)
G05G 1/327 (2013.01)

Citation (applicant)
EP 1065114 A1 20010103 - NISSAN MOTOR [JP], et al

Citation (search report)
• [X] US 2005172754 A1 20050811 - STROLE MICHAEL C [US]
• [X] US 2003029267 A1 20030213 - AOKI TSUTOMU [JP], et al
• [X] EP 1065114 A1 20010103 - NISSAN MOTOR [JP], et al
• [X] US 2003019319 A1 20030130 - MIZUMA HIROYUKI [JP]
• [XA] WO 02051669 A1 20020704 - ZF LEMFOERDER METALLWAREN AG [DE], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2261764 A1 20101215; EP 2261764 B1 20120711; BR PI0904450 A2 20110301; BR PI0904450 B1 20200303; CN 101920687 A 20101222; CN 101920687 B 20150121; IT TO20090441 A1 20101211

DOCDB simple family (application)
EP 09012183 A 20090925; BR PI0904450 A 20091029; CN 200910222815 A 20091119; IT TO20090441 A 20090610