

Title (en)
COLLAPSIBLE CONTROL PEDAL FOR A VEHICLE

Title (de)
ZUSAMMENKLAPBARES PEDAL FÜR EIN FAHRZEUG

Title (fr)
PEDALE PLIABLE POUR UN VÉHICULE

Publication
EP 3239801 A1 20171101 (EN)

Application
EP 17168620 A 20170428

Priority
IT UA20163017 A 20160429

Abstract (en)
The pedal (10) comprises a pedal arm (12) with a lower arm portion (20) which carries a pad (14) and an upper arm portion (18) hinged to a fixed support structure so as to be rotatable around a first axis of rotation (x1). The upper arm portion (18) and the lower arm portion (20) are hinged (22) to each other so as to be rotatable relative to each other around a second axis of rotation (x2) parallel to the first axis of rotation (x1). The pedal (10) further comprises a connection mechanism (26, 36) to releasably connect the upper arm portion (18) with the lower arm portion (20), in such a manner that the pedal (10) is normally kept in a working position, where rotation of the upper arm portion (18) relative to the lower arm portion (20) around the second axis of rotation (x2) is prevented, and is shiftable to a release position, in case of a frontal impact of the vehicle such as to cause a rearward movement of the pedal, that is to say, a movement of the pedal towards the driver, where the upper arm portion (18) and the lower arm portion (20) are freely rotatable relative to each other around the second axis of rotation (x2) to allow forward rotation of the lower arm portion (20).

IPC 8 full level
G05G 1/327 (2008.04)

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

Citation (search report)

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Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3239801 A1 20171101; EP 3239801 B1 20190918; DE 17168620 T1 20180621; IT UA20163017 A1 20171029; TR 201804933 T3 20180424

DOCDB simple family (application)
EP 17168620 A 20170428; DE 17168620 T 20170428; IT UA20163017 A 20160429; TR 201804933 T 20170428