

Title (en)

METHOD FOR MANUFACTURING BRAKE PEDALS AND IMPLEMENTATION THEREOF IN AUTOMOBILES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON BREMSPEDALEN UND IMPLEMENTIERUNG DAVON IN KRAFTFAHRZEUGEN

Title (fr)

PROCEDE DE FABRICATION DE PEDALES DE FREIN ET SON APPLICATION A L'AUTOMOBILE

Publication

**EP 2370241 A1 20111005 (FR)**

Application

**EP 09784208 A 20090615**

Priority

FR 2009000712 W 20090615

Abstract (en)

[origin: WO2010146246A1] The invention relates to a method which comprises moulding a metal insert (11) from a casting by injection assisted by a fluid under pressure in the concave space which comprises the insert, restricting said space if necessary, in order to obtain a transverse cavity reducing the mass of the unit.

IPC 8 full level

**B29C 45/14** (2006.01); **B29C 45/17** (2006.01); **B60K 20/02** (2006.01); **B60K 26/02** (2006.01); **G05G 1/50** (2008.04)

CPC (source: EP US)

**B29C 45/14336** (2013.01 - EP US); **B29C 45/1706** (2013.01 - EP US); **G05G 1/506** (2013.01 - EP US); **B29C 45/14311** (2013.01 - EP US); **B29C 45/14778** (2013.01 - EP US); **B29C 2045/14327** (2013.01 - EP US); **B29C 2045/1707** (2013.01 - EP US); **B29L 2031/30** (2013.01 - EP US); **B29L 2031/3002** (2013.01 - EP US); **Y10T 74/20528** (2015.01 - EP US)

Citation (search report)

See references of WO 2010146246A1

Cited by

US10296037B2; US10551866B2

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 TR

DOCDB simple family (publication)

**WO 2010146246 A1 20101223**; EP 2370241 A1 20111005; US 2012085195 A1 20120412

DOCDB simple family (application)

**FR 2009000712 W 20090615**; EP 09784208 A 20090615; US 200913378304 A 20090615