

Title (en)
PLASTIC-METAL CONNECTION

Title (de)
KUNSTSTOFF-METALL-VERBINDUNG

Title (fr)
LIAISON PLASTIQUE-METAL

Publication
EP 1966482 B1 20110316 (DE)

Application
EP 06807642 A 20061030

Priority
• EP 2006067909 W 20061030
• DE 102005061408 A 20051222

Abstract (en)
[origin: DE102005061408A1] A component is manufactured from a combination of plastic and metal e.g. an automotive fuel injection valve. The metal part is pressed into the plastic part to form a union. The overlapping part of the metal section has a serrated edge (63).

IPC 8 full level
F02M 61/16 (2006.01)

CPC (source: EP US)
F02M 51/0682 (2013.01 - EP US); **F02M 61/168** (2013.01 - EP US); **F02M 2200/8007** (2013.01 - EP US); **F02M 2200/8061** (2013.01 - EP US); **F02M 2200/9015** (2013.01 - EP US); **F02M 2200/9053** (2013.01 - EP US)

Cited by
EP1849992A1

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
DE 102005061408 A1 20070628; CN 101346543 A 20090114; CN 101346543 B 20120704; CN 102383994 A 20120321; CN 102383994 B 20150429; DE 502006009127 D1 20110428; EP 1966482 A1 20080910; EP 1966482 B1 20110316; JP 2009520171 A 20090521; JP 5334589 B2 20131106; US 2009179090 A1 20090716; US 2012318892 A1 20121220; US 8287007 B2 20121016; US 8596562 B2 20131203; WO 2007073963 A1 20070705

DOCDB simple family (application)
DE 102005061408 A 20051222; CN 200680048536 A 20061030; CN 201110330640 A 20061030; DE 502006009127 T 20061030; EP 06807642 A 20061030; EP 2006067909 W 20061030; JP 2008546304 A 20061030; US 201213571563 A 20120810; US 8692406 A 20061030