

Title (en)
Injector removal tool

Title (de)
Werkzeug zur Injektorentnahme

Title (fr)
Outil d'extraction d'injecteur

Publication
EP 2347861 A3 20171122 (EN)

Application
EP 10195923 A 20101220

Priority
JP 2010012905 A 20100125

Abstract (en)
[origin: EP2347861A2] There is provided an injector removal tool for removing an injector from a cylinder head. A support platform is fixed to the cylinder head. A pivot portion is mounted on the support platform. A arm portion is provided so as to rotate on the pivot portion as a fulcrum. A transfer portion is supported on the arm portion at one end in a position lying spaced away from the pivot portion and is locked on the injector at the other end thereof. A force exerted on the one end to rotate the arm portion is transferred as a force to remove the injector at the other end.

IPC 8 full level
B25B 27/00 (2006.01); **B25B 27/02** (2006.01)

CPC (source: EP)
B25B 27/0035 (2013.01); **B25B 27/02** (2013.01); **F02M 61/14** (2013.01)

Citation (search report)

- [A] DE 202008012338 U1 20081120 - KLANN SPEZIAL WERKZEUGBAU GMBH [DE]
- [AD] JP 2008261273 A 20081030 - HONDA MOTOR CO LTD
- [A] US 2003033714 A1 20030220 - KING KENNETH E [US]
- [A] DE 9111245 U1 19911121

Cited by
NL1039067C2; GB2502784A; GB2502784B; EP3734059A4; US11181085B2

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 2347861 A2 20110727; EP 2347861 A3 20171122; EP 2347861 B1 20200205; CN 102133745 A 20110727; CN 102133745 B 20140702; JP 2011149389 A 20110804; JP 5487992 B2 20140514

DOCDB simple family (application)
EP 10195923 A 20101220; CN 201010597003 A 20101220; JP 2010012905 A 20100125