

Title (en)

Fixing device for an inlet collector

Title (de)

Befestigungsvorrichtung für einen Ansaugverteiler

Title (fr)

Dispositif de fixation pour un collecteur d'admission

Publication

EP 1277947 B1 20070228 (DE)

Application

EP 02015465 A 20020712

Priority

US 30641701 P 20010720

Abstract (en)

[origin: EP1277947A2] The fixing device includes a connecting plate (12) fitted to the cylinder head (10) of an engine (8). This plate has at least one aperture (14) with a smooth internal surface. The induction distributor has at least one inlet tube (5) and is fixed with this tube in the aperture in the connecting plate, with a locking device to secure them to each other.

IPC 8 full level

F02B 67/00 (2006.01); **F02M 35/10** (2006.01); **F02M 35/104** (2006.01)

CPC (source: EP US)

F02M 35/10052 (2013.01 - EP US); **F02M 35/10072** (2013.01 - EP US); **F02M 35/10078** (2013.01 - EP US); **F02M 35/10321** (2013.01 - EP US); **F02M 35/10347** (2013.01 - EP US); **F05C 2225/08** (2013.01 - EP US)

Cited by

CN102042081A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1277947 A2 20030122; **EP 1277947 A3 20040102**; **EP 1277947 B1 20070228**; AT E355454 T1 20060315; DE 50209572 D1 20070412; JP 2003090273 A 20030328; JP 4326193 B2 20090902; US 2003015160 A1 20030123; US 6752113 B2 20040622

DOCDB simple family (application)

EP 02015465 A 20020712; AT 02015465 T 20020712; DE 50209572 T 20020712; JP 2002210320 A 20020719; US 19810902 A 20020719