

Title (en)
Intake system for combustion engines

Title (de)
Sauganlage für Brennkraftmaschinen

Title (fr)
Système d'admission pour moteurs à combustion

Publication
EP 1043494 A3 20010627 (DE)

Application
EP 00102912 A 20000212

Priority
DE 19915523 A 19990407

Abstract (en)
[origin: EP1043494A2] The induction system includes a container connected to the cylinder head, extending adjacently to the cylinder head and connected by input lines to the induction channels of the cylinder head, which includes gas exchange control valves. There is a device (21 the container (8) and/or the input lines (11, 12, 13) to reduce the surface radiation.

IPC 1-7
F02M 35/12; **F02M 35/104**; **F02M 35/116**

IPC 8 full level
F02B 75/22 (2006.01); **F02M 35/10** (2006.01); **F02M 35/104** (2006.01); **F02M 35/116** (2006.01); **F02M 35/12** (2006.01)

CPC (source: EP)
F02B 75/22 (2013.01); **F02M 35/10052** (2013.01); **F02M 35/116** (2013.01); **F02M 35/1216** (2013.01); **F02M 35/1266** (2013.01); **F02M 35/1272** (2013.01)

Citation (search report)

- [XY] US 2078754 A 19370427 - DAY JOHN A
- [Y] DE 4032321 A1 19910425 - FUJI HEAVY IND LTD [JP]
- [Y] US 4448280 A 19840515 - ENDO HARUO [JP]
- [Y] DE 4113248 A1 19921029 - BAYERISCHE MOTOREN WERKE AG [DE]
- [X] DE 19827410 A1 19990114 - MANN & HUMMEL FILTER [DE]
- [X] DE 1669265 U 19531224 - MASCHF AUGSBURG NUERNBERG AG [DE]
- [A] EP 0778399 A1 19970611 - UNITED PARTS LAEREDA AB [SE]

Cited by
EP1403506A3; FR3036731A1; CN108026872A; FR2905141A1; US10927800B2; WO2016030055A1; WO2016193584A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1043494 A2 20001011; **EP 1043494 A3 20010627**; DE 19915523 A1 20001026; JP 2000297708 A 20001024

DOCDB simple family (application)
EP 00102912 A 20000212; DE 19915523 A 19990407; JP 2000102577 A 20000404