

Title (en)

Intake device for a multicylinder internal combustion engine.

Title (de)

Ansauganlage für eine mehrzylindrige Brennkraftmaschine.

Title (fr)

Dispositif d'admission pour moteur à combustion interne à plusieurs cylindres.

Publication

EP 0514646 B1 19951108 (DE)

Application

EP 92105425 A 19920330

Priority

DE 4116653 A 19910522

Abstract (en)

[origin: US5220889A] An intake system which includes an intake distributor as well as intake pipe sockets leading to inlet ports in cylinder heads of an internal-combustion engine is held on the internal-combustion engine by means of first and second decoupling elements. For the mounting of the intake distributor, a plurality of tension devices are required which tension decoupling elements supported on a flange facing of the cylinder head. The forces which are transmitted in this case by the tension devices to the intake distributor may also be supported on the cylinder head by way of additional decoupling elements which are under compression due to the tension devices.

IPC 1-7

F02M 35/10

IPC 8 full level

F02M 35/104 (2006.01); **F02M 35/10** (2006.01); **F16F 15/08** (2006.01); **F02B 75/22** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP US)

F02M 35/10085 (2013.01 - EP US); **F02M 35/10354** (2013.01 - EP US); **F02M 35/116** (2013.01 - EP US); **F02B 75/22** (2013.01 - EP US); **F02F 7/006** (2013.01 - EP US); **F02F 2200/06** (2013.01 - EP US); **F02M 35/10045** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0514646 A1 19921125; **EP 0514646 B1 19951108**; DE 4116653 A1 19921126; DE 59204231 D1 19951214; JP H05187334 A 19930727; US 5220889 A 19930622

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EP 92105425 A 19920330; DE 4116653 A 19910522; DE 59204231 T 19920330; JP 12704392 A 19920520; US 88715092 A 19920522