

Title (en)
MULTI-CYLINDER INTERNAL-COMBUSTION ENGINE WITH SEPARATE CYLINDER HEADS

Publication
EP 0381842 B1 19930120 (DE)

Application
EP 89123178 A 19891214

Priority
DE 3903574 A 19890207

Abstract (en)
[origin: EP0381842A1] Separate cylinder heads (5, 6) of multi-cylinder internal combustion engines which have bored ducts (1, 2, 3, 4) for carrying media are connected to one another via a wedge-shaped element (7) which is kept prestressed with respect to the cylinder heads (5, 6), balancing out any relative movement between these. <IMAGE>

IPC 1-7
F01P 11/04; **F02F 1/40**; **F16L 37/00**; **F16L 55/132**

IPC 8 full level
F01P 11/04 (2006.01); **F02F 1/40** (2006.01); **F16L 37/00** (2006.01); **F16L 55/132** (2006.01)

CPC (source: EP)
F01P 11/04 (2013.01); **F02F 1/40** (2013.01)

Cited by
WO2019115856A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0381842 A1 19900816; **EP 0381842 B1 19930120**; DE 3903574 A1 19900809; DE 58903358 D1 19930304; FI 896058 A0 19891218

DOCDB simple family (application)
EP 89123178 A 19891214; DE 3903574 A 19890207; DE 58903358 T 19891214; FI 896058 A 19891218