

Title (en)
DIESEL ENGINE

Publication
EP 0268988 B1 19920513 (DE)

Application
EP 87117012 A 19871118

Priority
DE 3639691 A 19861120

Abstract (en)
[origin: US4834030A] An diesel internal combustion engine with a liquid-cooled cylinder crank casing (1) includes a cylinder head gasket (300) which can be used with either a liquid-cooled cylinder head (200) or an air-cooled cylinder head (100).

IPC 1-7
F02B 3/06; F02F 1/00; F02F 7/00; F02F 11/00

IPC 8 full level
F02F 1/02 (2006.01); **F02B 3/06** (2006.01); **F02B 75/20** (2006.01); **F02F 1/00** (2006.01); **F02F 1/38** (2006.01); **F02F 1/40** (2006.01); **F02F 7/00** (2006.01); **F02F 11/00** (2006.01); **F01P 3/00** (2006.01); **F02B 75/18** (2006.01); **F02F 1/24** (2006.01)

CPC (source: EP KR US)
F02B 75/20 (2013.01 - EP US); **F02F 1/00** (2013.01 - EP US); **F02F 1/38** (2013.01 - EP US); **F02F 1/40** (2013.01 - EP US); **F02F 7/00** (2013.01 - KR); **F02F 7/0031** (2013.01 - EP US); **F01P 2003/006** (2013.01 - EP US); **F02B 3/06** (2013.01 - EP US); **F02B 2075/1816** (2013.01 - EP US); **F02B 2275/34** (2013.01 - EP US); **F02F 2001/104** (2013.01 - EP US); **F02F 2001/247** (2013.01 - EP US)

Cited by
DE4342800A1; US5551382A; DE4342800C2

Designated contracting state (EPC)
AT DE ES FR GB IT

DOCDB simple family (publication)
EP 0268988 A2 19880601; EP 0268988 A3 19890329; EP 0268988 B1 19920513; AT E76161 T1 19920515; BR 8706249 A 19880621; DE 3639691 A1 19880601; DE 3779056 D1 19920617; JP S63192935 A 19880810; KR 880006448 A 19880723; US 4834030 A 19890530

DOCDB simple family (application)
EP 87117012 A 19871118; AT 87117012 T 19871118; BR 8706249 A 19871119; DE 3639691 A 19861120; DE 3779056 T 19871118; JP 29387187 A 19871120; KR 870013049 A 19871119; US 12322387 A 19871120