

Title (en)
SYSTEM FOR RECIRCULATING EXHAUST GAS IN AN INTERNAL COMBUSTION ENGINE

Title (de)
ANORDNUNG ZUR RÜCKFÜHRUNG VON ABGAS BEI EINEM VERBRENNUNGSMOTOR

Title (fr)
DISPOSITIF POUR LE RECYCLAGE DES GAZ D'ECHAPPEMENT DANS UN MOTEUR A COMBUSTION INTERNE

Publication
EP 1015750 B1 20030502 (DE)

Application
EP 98951390 A 19980912

Priority
• DE 19740584 A 19970916
• EP 9805820 W 19980912

Abstract (en)
[origin: WO9914477A1] The invention relates to a system for recirculating exhaust gas in an internal combustion engine. A connecting line (4; 10, 13; 26) for the recirculated exhaust gas is connected to an intake pipe (2; 15; 22), cooling elements being arranged in between. The cooling element may be e.g., a cooling channel (5; 18; 19; 25) for liquid coolant, integrated into the flange-type connection joining the connecting line (4; 10, 13; 26) to the intake pipe (2; 15; 22), or may be another heat conductive element.

IPC 1-7
F02M 25/07

IPC 8 full level
F02M 25/07 (2006.01); **F02M 26/12** (2016.01); **F02M 26/32** (2016.01); **F02M 26/41** (2016.01); **F02M 26/44** (2016.01); **F02M 35/10** (2006.01)

CPC (source: EP US)
F02M 26/12 (2016.02 - EP US); **F02M 26/32** (2016.02 - EP US); **F02M 26/41** (2016.02 - EP US); **F02M 26/44** (2016.02 - EP US); **F02M 35/10085** (2013.01 - EP US); **F02M 35/10222** (2013.01 - EP US); **F02M 35/10268** (2013.01 - EP US); **F02M 26/20** (2016.02 - EP US); **F02M 35/112** (2013.01 - EP US)

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

DOCDB simple family (publication)
WO 9914477 A1 19990325; AT E239171 T1 20030515; BR 9812326 A 20011218; CA 2304023 A1 19990325; DE 59808190 D1 20030605; EP 1015750 A1 20000705; EP 1015750 B1 20030502; JP 2001516841 A 20011002; KR 20010015580 A 20010226; US 6334437 B1 20020101

DOCDB simple family (application)
EP 9805820 W 19980912; AT 98951390 T 19980912; BR 9812326 A 19980912; CA 2304023 A 19980912; DE 59808190 T 19980912; EP 98951390 A 19980912; JP 2000511993 A 19980912; KR 20007002667 A 20000314; US 50876300 A 20000425