

Title (en)
EXHAUST-GAS VALVE FOR AN EXHAUST-GAS CONTROL DEVICE

Title (de)
ABGASVENTIL FÜR EINE ABGASREGELVORRICHTUNG

Title (fr)
SOUPAPE DE GAZ D'ÉCHAPPEMENT DESTINÉ À UN DISPOSITIF DE COMMANDE DE GAZ D'ÉCHAPPEMENT

Publication
EP 3561283 A1 20191030 (EN)

Application
EP 18465520 A 20180425

Priority
EP 18465520 A 20180425

Abstract (en)
An exhaust-gas valve (3) has two valve bodies (14, 15), which are manufactured in one piece with a shaft (16), and two valve seats (12, 13), which are fastened to in each case one insert (18, 19). The inserts (18, 19) have an interference fit (20), and can be aligned relative to the valve bodies (14, 15) at a preassembly stage. The sealing action of the exhaust-gas valve (3) is also tested at the preassembly stage. After the preassembly stage, the inserts (18, 19) are welded to one another and are pressed into a housing (11) of the exhaust-gas valve (3).

IPC 8 full level
F02M 26/11 (2016.01); **F02M 26/12** (2016.01); **F02M 26/69** (2016.01); **F02M 26/68** (2016.01)

CPC (source: EP)
F02M 26/11 (2016.02); **F02M 26/12** (2016.02); **F02M 26/69** (2016.02); **F02M 26/68** (2016.02)

Citation (search report)
• [XY] EP 1256706 A2 20021113 - MITSUBISHI ELECTRIC CORP [JP]
• [X] US 3799131 A 19740326 - BOLTON R
• [Y] DE 102017202516 A1 20171019 - CONTINENTAL TEVES AG & CO OHG [DE]
• [XI] US 6286550 B1 20010911 - YAMAKI SEIJI [JP], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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