

Title (en)

Valve spring disc and method for its manufacture

Title (de)

Ventilfederteller und Verfahren zu dessen Herstellung

Title (fr)

Cuvette de ressort de soupape et son procédé de fabrication

Publication

**EP 2166200 A1 20100324 (DE)**

Application

**EP 09011575 A 20090910**

Priority

AT 14782008 A 20080923

Abstract (en)

The valve spring plate for motors, comprises a ceramic reinforced aluminum alloy with silicon carbide or corundum. The aluminum alloy has 10-45 vol.% of reinforcing material. An independent claim is included for a method for the production of valve spring plate.

Abstract (de)

Die Erfindung betrifft einen Ventilfederteller für Motoren, der aus einer keramikverstärkten Aluminium-Legierung besteht sowie eine Verfahren zu dessen Herstellung.

IPC 8 full level

**F01L 3/10** (2006.01); **C04B 41/50** (2006.01); **C22F 1/043** (2006.01); **F01L 1/46** (2006.01)

CPC (source: EP)

**C22F 1/043** (2013.01); **F01L 1/462** (2013.01); **F01L 3/10** (2013.01); **F01L 2301/02** (2020.05); **F01L 2303/00** (2020.05)

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Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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