

Title (en)

INTAKE OR DISCHARGE VALVE FOR A COMBUSTION ENGINE, AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

EIN- ODER AUSLASSVENTIL FÜR EINEN VERBRENNUNGSMOTOR SOWIE VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

SOUPAPE D'ADMISSION OU D'ÉCHAPPEMENT POUR MOTEUR A COMBUSTION INTERNE ET SON PROCÉDE DE RÉALISATION

Publication

**EP 2215334 A1 20100811 (DE)**

Application

**EP 08843581 A 20081017**

Priority

- EP 2008008792 W 20081017
- DE 102007052800 A 20071102

Abstract (en)

[origin: WO2009056239A1] Disclosed is an intake or discharge valve (1) for a combustion engine, comprising a valve disk (3) and a valve stem (2) that has a chromium layer (9) as a running surface. In order to increase the service life, a nickel layer (6) is provided between the basic material of the valve stem (2) and the chromium layer (9), and the chromium layer (9) is thicker than the nickel layer (6) that lies thereunder.

IPC 8 full level

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CPC (source: EP)

**F01L 3/04** (2013.01)

Citation (search report)

See references of WO 2009056239A1

Cited by

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