

Title (en)
GAS EXCHANGE VALVE

Title (de)
GASWECHSELVENTIL

Title (fr)
SOUPAPE D'ÉCHANGE DES GAZ

Publication
EP 3455468 B1 20210120 (DE)

Application
EP 16720876 A 20160509

Priority
EP 2016060343 W 20160509

Abstract (en)
[origin: WO2017194091A1] The invention relates to a gas exchange valve (1) of an internal combustion engine, comprising a valve disk (2) and a valve stem (3). As an essential feature of the invention, at least some areas on at least the valve stem (3) are provided with a galvanically applied nickel-phosphorus layer (4), the phosphorus moiety of which is greater than 10 wt%, in particular between 11 and 13 wt%, thus increasing resistance to wear and corrosion.

IPC 8 full level
F01L 3/04 (2006.01)

CPC (source: EP)
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Citation (opposition)
Opponent : Federal-Mogul Valvetrain GmbH

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