

Title (en)

VALVE FOR INTERNAL-COMBUSTION ENGINES

Title (de)

VENTIL FÜR VERBRENNUNGSMOTOREN

Title (fr)

SOUPAPE POUR MOTEURS À COMBUSTION INTERNE

Publication

**EP 3623591 B1 20210331 (EN)**

Application

**EP 18194008 A 20180912**

Priority

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Abstract (en)

[origin: EP3623591A1] The present invention relates to a valve (1) for internal-combustion engines, in particular a titanium valve (1), in which at least one region of the valve (1) has a nitrided layer (10) formed by titanium nitrides and/or aluminium-titanium nitrides, that is up to 500 microns thick, with high surface hardness and high hardness through the depth of the thickness of the nitrided layer (10), providing the valve (1) with excellent wear resistance and high durability.

IPC 8 full level

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CPC (source: EP)

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