

Title (en)

INLET VALVE FOR A CYLINDER IN AN COMBUSTION ENGINE

Title (de)

EINLASSVENTIL FÜR EINEN ZYLINDER IN EINEN VERBRENNUNGSMOTOR

Title (fr)

CLAPET D'ASPIRATION POUR UN CYLINDRE DANS UN MOTEUR A COMBUSTION

Publication

EP 3152416 A4 20180228 (EN)

Application

EP 15803927 A 20150603

Priority

- NO 20140690 A 20140603
- NO 2015050099 W 20150603

Abstract (en)

[origin: WO2015187034A1] Inlet valve (110) for a cylinder of an combustion engine, comprising an upper valve stem (112) and a lower disk shaped valve seat (114) with a linear and oblique outer seating surface (116), said valve seat (114) being wider in cross section than the valve stem (112), and in where the valve seat (114) and the valve stem (112) are converging in a transition area (118) between the two parts, wherein the valve seat (114) comprises an ellipsoidal flow separation surface (120) running downstream from an end of said seating surface (116) to an underside (124) of the valve seat (114).

IPC 8 full level

F01L 3/20 (2006.01); **F01L 3/06** (2006.01)

CPC (source: EP)

F01L 3/00 (2013.01); **F01L 3/06** (2013.01); **F01L 3/20** (2013.01); **Y02T 10/12** (2013.01)

Citation (search report)

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- [X] US 5081965 A 19920121 - WALTERS CRAIG E [US], et al
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- [X] US 2002036280 A1 20020328 - MURAYAMA TAKEMI [JP]
- See references of WO 2015187034A1

Designated contracting state (EPC)

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