

Title (en)

VALVE FOR CONTROLLING A FLUID WITH INCREASED SEALING ACTION

Title (de)

VENTIL ZUM STEUERN EINES FLUIDS MIT ERHÖHTER DICHTHEIT

Title (fr)

SOUPAPE DE COMMANDE DE FLUIDE À ÉTANCHÉITÉ RENFORCÉE

Publication

EP 2971749 B1 20190313 (DE)

Application

EP 14700722 A 20140117

Priority

- DE 102013204152 A 20130311
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Abstract (en)

[origin: WO2014139706A1] The invention relates to a valve for controlling a fluid, in particular fuel, comprising a closing element (2) and a valve seat (3), wherein the valve seat (3) has a sealing region (4) and a valve seat region (5) which adjoins the sealing region (4), wherein the closing element (2) seals on the sealing region (4), wherein the sealing region (4) and the valve seat region (5) merge into one another in a direct and stepless manner, and wherein a hardness of the sealing region (4) is smaller than a hardness of the closing element (2).

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

- DE 102012205564 A1 20121011 - DENSO CORP [JP]
- EP 2025924 A2 20090218 - BOSCH GMBH ROBERT [DE]

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DOCDB simple family (publication)

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