

Title (en)

Check valve for exhaust lines

Title (de)

Rückstromsperre für Abgasleitungen

Title (fr)

Clapet anti-retour pour conduites de gaz d'échappement

Publication

EP 2574842 A3 20150923 (DE)

Application

EP 12185866 A 20120925

Priority

DE 102011054026 A 20110929

Abstract (en)

[origin: EP2574842A2] The valve (1) has a valve seat (11) attached with a float element (2) that is provided with a guide section, where the guide section is axially adjustable on a guide surface. The valve seat is arranged at a mounting element (3) that is provided with a fixing unit (4) for releasably connected to the guide surface for guiding the guide section of the float element. The mounting element is releasably fixed at a holding element (5). A collecting gutter is provided at the holding element. An axial stopper is formed at the mounting element for limiting axial stroke movement of the float element.

IPC 8 full level

F23L 11/00 (2006.01); **F23L 13/06** (2006.01)

CPC (source: EP)

F23J 13/08 (2013.01); **F23L 11/005** (2013.01); **F23L 13/06** (2013.01); **F23J 2900/13004** (2013.01)

Citation (search report)

- [XY] US 5857904 A 19990112 - VAN HORN SAMUEL L [US]
- [YDA] EP 1826487 A2 20070829 - GROPPALLI S R L [IT]
- [YA] WO 2010131282 A2 20101118 - LN 2 SRL SOCIO UNICO [IT], et al
- [A] US 4770160 A 19880913 - SCHIMMEYER WERNER K [US]

Cited by

EP3657073A1; EP4187150A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2574842 A2 20130403; EP 2574842 A3 20150923; EP 2574842 B1 20180912; DE 102011054026 A1 20130404

DOCDB simple family (application)

EP 12185866 A 20120925; DE 102011054026 A 20110929