

Title (en)

FILLER VALVE FOR LIQUIDS CONTAINING FIBERS

Title (de)

ABFÜLLVENTIL FÜR FASERHALTIGE FLÜSSIGKEITEN

Title (fr)

SOUPAPE DE SOUTIRAGE POUR LIQUIDES CONTENANT DES FIBRES

Publication

**EP 1049624 B1 20020213 (DE)**

Application

**EP 98959795 A 19981023**

Priority

- DE 19802692 A 19980124
- EP 9806739 W 19981023

Abstract (en)

[origin: DE19802692A1] The filling valve has a casing (1) with input connection (24), front mouthpiece and outlet device (14). The closing body is driven inside the casing for engagement, and has a valve cone (32) in front and a thickened middle part (36). There is a sealing device on the rear side. The thickened middle part has a crown of flow channels (37, 38) coming out openly at front and rear in the cavity (46, 47) formed by the casing.

IPC 1-7

**B65B 39/00**

IPC 8 full level

**B65B 39/00** (2006.01)

CPC (source: EP US)

**B65B 39/004** (2013.01 - EP US)

Citation (examination)

- WO 9526906 A1 19951012 - TETRA LAVAL HOLDINGS & FINANCE [CH], et al
- DE 8507345 U1 19850523
- DE 4405762 A1 19950824 - HUEBERS VERFAHRENSTECH [DE]

Cited by

CN109229850A

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**DE 19802692 A1 19990729**; AU 1557199 A 19990809; DE 59803107 D1 20020321; EP 1049624 A1 20001108; EP 1049624 B1 20020213; EP 1049624 B2 20050309; ES 2170542 T3 20020801; ES 2170542 T5 20051001; TW 563695 U 20031121; US 6279625 B1 20010828; WO 9937543 A1 19990729

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**DE 19802692 A 19980124**; AU 1557199 A 19981023; DE 59803107 T 19981023; EP 9806739 W 19981023; EP 98959795 A 19981023; ES 98959795 T 19981023; TW 92206058 U 19990106; US 60092300 A 20000724