

Title (en)

SYSTEM FOR CONVEYING LIQUIDS WITHOUT PULSING

Title (de)

SYSTEM ZUR PULSATIONSFREIEN FÖRDERUNG VON FLÜSSIGKEITEN

Title (fr)

SYSTEME DE TRANSPORT DE LIQUIDES SANS PULSATION

Publication

EP 1141611 B1 20031105 (DE)

Application

EP 99957334 A 19991202

Priority

- DE 19857593 A 19981214
- EP 9909408 W 19991202

Abstract (en)

[origin: US6623248B1] A system tot the pulsation-free delivery of liquids, which system may be used for high-purity, liquid chemicals in the semiconductor industry.

IPC 1-7

F16L 55/04; F16L 55/05

IPC 8 full level

F04B 11/00 (2006.01); **F04B 9/129** (2006.01); **F16L 55/04** (2006.01); **F16L 55/05** (2006.01); **F17D 1/12** (2006.01); **H01L 21/02** (2006.01)

CPC (source: EP US)

F04B 9/129 (2013.01 - EP US); **Y10T 137/0396** (2015.04 - EP US); **Y10T 137/2365** (2015.04 - EP US); **Y10T 137/4673** (2015.04 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

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US 85769201 A 20010608; AT 99957334 T 19991202; DE 19857593 A 19981214; DE 59907661 T 19991202; EP 9909408 W 19991202; EP 99957334 A 19991202; JP 2000588535 A 19991202; TW 88121512 A 19991208