

Title (en)

Machine for un-incrusting pipe systems or circuits

Title (de)

Maschine zur Entfernung von Ablagerungen in Rohrleitungen

Title (fr)

Machine pour désincruster des systèmes ou circuits de tuyaux

Publication

**EP 1818113 A1 20070815 (EN)**

Application

**EP 06380032 A 20060213**

Priority

EP 06380032 A 20060213

Abstract (en)

System for un-incrusting pipe circulating systems by introducing a pressurized gas (generally compressed air) and solvent mixture at an speed of 40 - 70 m/s. To achieve this pressure, rising devices are installed, like a pump (1), a device for distributing and enriching the gas, a junction point where gas and solvent can get mixed, and a connection (10) for the injection of the mixture into the pipe system (8) to be cleaned, which does not need to be disassembled. One second outlet connection (20) receives the mixture which goes through a filtration system (22) and after here, finally deposited into a waste collection tank (23). The system incorporates safety devices and engineering, that allow its use in explosive atmospheres, such as purge control devices, armored and pressurized cabinets (30, 40), and control of most of its instrumentation by pneumatic signals.

IPC 8 full level

**B08B 9/032** (2006.01)

CPC (source: EP)

**B08B 9/0325** (2013.01); **B08B 9/0327** (2013.01)

Citation (applicant)

- WO 9205888 A1 19920416 - FAXON JOHAN [SE]
- EP 1131169 A1 20010912 - TAIFUN ENGINEERING OY LTD [FI]

Citation (search report)

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- [Y] DE 19701010 A1 19980716 - STOECKL JOSEF [DE]
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1818113 A1 20070815; EP 1818113 B1 20110406**; AT E504365 T1 20110415; DE 602006021133 D1 20110519

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