

Title (en)
PUMP STATION

Title (de)
PUMPSTATION

Title (fr)
POSTE DE POMPAGE

Publication
EP 1301665 B1 20090211 (DE)

Application
EP 01969360 A 20010710

Priority
• DE 10034174 A 20000714
• EP 0107923 W 20010710

Abstract (en)
[origin: WO0206596A1] The invention relates to a pump station, comprising a building that includes at least one inlet chamber, and at least one outlet chamber that is disposed on a different level. A partition is provided between said at least two chamber within the building. At least one pump delivers a fluid through such a partition into an outlet chamber of the building. Said outlet chamber comprises an outlet opening arranged at an angle to a discharge opening. The upper edge of said discharge opening is below the liquid level that is present in an outlet provided downstream of the building. An ascending device that carries liquid and that is provided with a discharge opening that is open at the top is mounted downstream of the pump. Said discharge opening is disposed in the outlet chamber above the upper edge of the outlet opening.

IPC 8 full level
E03F 5/22 (2006.01)

CPC (source: EP US)
E03F 5/22 (2013.01 - EP US); **Y10T 137/86035** (2015.04 - EP US); **Y10T 137/86083** (2015.04 - EP US); **Y10T 137/86163** (2015.04 - EP US); **Y10T 137/86204** (2015.04 - EP US); **Y10T 137/86212** (2015.04 - EP US); **Y10T 137/86228** (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 TR

DOCDB simple family (publication)
WO 0206596 A1 20020124; AR 031378 A1 20030924; AT E422584 T1 20090215; AU 8963701 A 20020130; BR 0112567 A 20030729; BR 0112567 B1 20101130; CZ 200358 A3 20030618; DE 10034174 A1 20020124; DE 50114702 D1 20090326; DK 1301665 T3 20090608; EP 1301665 A1 20030416; EP 1301665 B1 20090211; ES 2322238 T3 20090618; HU 227734 B1 20120130; HU P0400523 A2 20040628; MX PA03000396 A 20030527; MY 133968 A 20071130; PL 204069 B1 20091231; PL 365707 A1 20050110; PT 1301665 E 20090514; RO 121342 B1 20070330; US 2003152470 A1 20030814; US 6681801 B2 20040127; ZA 200210199 B 20031222

DOCDB simple family (application)
EP 0107923 W 20010710; AR P010103333 A 20010713; AT 01969360 T 20010710; AU 8963701 A 20010710; BR 0112567 A 20010710; CZ 200358 A 20010710; DE 10034174 A 20000714; DE 50114702 T 20010710; DK 01969360 T 20010710; EP 01969360 A 20010710; ES 01969360 T 20010710; HU P0400523 A 20010710; MX PA03000396 A 20010710; MY PI20013321 A 20010712; PL 36570701 A 20010710; PT 01969360 T 20010710; RO 200300015 A 20010710; US 34159603 A 20030114; ZA 200210199 A 20021217