

Title (en)
Submersible pump

Title (de)
Tauchpumpe

Title (fr)
Pompe submersible

Publication
EP 1186782 B1 20081231 (DE)

Application
EP 01119411 A 20010811

Priority
DE 10044966 A 20000911

Abstract (en)
[origin: EP1186782A1] Immersion pump comprises a pump chamber, a conveying unit, and a suction opening connected to a collecting chamber in the form of a sink. The sink has a peripheral side wall (31) with an upper edge (34) lying at a higher level than the suction opening and is provided with a flow channel (37) which leads to an inlet opening (36) lying outside of the side wall and within the upper edge. Preferred Features: The upper edge of the side wall lies at a higher level than the running wheel (27) of the conveying unit. The inlet opening is arranged at a lower level than the running wheel. The inlet opening is higher than the level of the sink base. The inlet opening can be adjusted. Several inlet openings are provided around the sink base.

IPC 8 full level
F04D 29/70 (2006.01); **F04D 13/08** (2006.01)

CPC (source: EP)
F04D 13/086 (2013.01); **F04D 29/708** (2013.01)

Cited by
EP2698544A1; CN104454649A; CN103062120A; US2019154039A1; EP2050967A1; FR2922609A1; EP3875767A1; DE102005031420A1; DE102005031420B4; EP2071194A1; FR2924769A1; US8123469B2; US8083502B2; WO2004005723A3; EP2740940A1; EP4115087B1

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