

Title (en)
Pump unit

Title (de)
Pumpenaggregat

Title (fr)
Groupe motopompe

Publication
EP 1978261 B1 20171025 (FR)

Application
EP 08290249 A 20080314

Priority
FR 0702531 A 20070406

Abstract (en)
[origin: EP1978261A1] The unit has a shaft (1) defining a vertical axis, and an aspirating base (5) fixed at bottom of an impeller (3), and including vertical annular inner and outer walls (7, 6) that define an aspirating hole (9) and a supply zone (10), respectively. The wall (6) has a free lower edge (12) with a part (11) that is provided at a level lower than that of a free lower edge (13) of the wall (7). The wall (6) has another part (15) whose free lower edge (14) is provided at a level higher than the edge (13). The part (15) is inclined at an angle ranging from 30 to 60 degrees, with respect to an axis. An independent claim is also included for a method of aspirating a float in a pit.

IPC 8 full level
F04D 29/42 (2006.01)

CPC (source: EP)
F04D 7/045 (2013.01); **F04D 29/2288** (2013.01); **F04D 29/4273** (2013.01)

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