

Title (en)
FLOATING PUMP

Title (de)
SCHWIMMENDE PUMPE

Title (fr)
POMPE FLOTTANTE

Publication
EP 4047211 A1 20220824 (EN)

Application
EP 21158326 A 20210222

Priority
EP 21158326 A 20210222

Abstract (en)
Floating pump comprising: flotation means (1) on a liquid medium (A), an axial or semi-axial flow pump (2) supported by the flotation means (1) comprising an inlet (3) and an outlet (4), comprising transmission means (5) which comprise a drive shaft (6) and are arranged in fluid communication with said inlet (3) and said outlet (4) of the axial or semi-axial flow pump (2), enabling the establishment of a flow of fluid to be pumped along a longitudinal axis (7) coinciding with the drive shaft (6), which in the working position, a first end (6') of the drive shaft (6), located in proximity to the outlet (4) of the axial or semi-axial flow pump (2), is in the submerged position, while a second end (6'') of the drive shaft (6), opposite from the first end (6'), is in the non-submerged position, such that the orientation of the drive shaft (6) is inclined with respect to the surface of the liquid medium (A) whereon the flotation means (1) are located.

IPC 8 full level
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CPC (source: EP)
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Citation (applicant)
EP 1417416 B1 20131211 - THIRIEZ ERIC [CO]

Citation (search report)
• [AD] US 2003143082 A1 20030731 - THIRIEZ ERIC [CO]
• [A] US 2008181792 A1 20080731 - CORTES JORGE MARCOS [US]
• [A] KR 101468071 B1 20141202 - GREEN TECHNOLOGY CO LTD [KR]

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