

Title (en)
SUBMERSIBLE MOTOR UNIT

Title (de)
TAUCHMOTORAGGREGAT

Title (fr)
GROUPE MOTEUR SUBMERSIBLE

Publication
EP 0666775 B1 19960508 (DE)

Application
EP 93920690 A 19930902

Priority
• DE 4236217 A 19921027
• EP 9302369 W 19930902

Abstract (en)
[origin: DE4236217C1] The invention concerns a submersible motor unit (1) designed to be secured in place on the floor of a liquid-filled container (2) and which has a specific gravity which is lower than that of the liquid concerned. Coupling elements (7, 8) are fitted on the motor unit (1) and on the floor of the container (2) so that the motor unit (1) can be detachably attached to the floor of the container (2) via a Bowden cable (11) which passes through the coupling element (8) fixed to the floor (4) of the container and which is attached to the motor unit (1), thus applying a force which counteracts the effect of buoyancy. In another embodiment of the invention, the motor unit has a ballast tank which can be filled with liquid.

IPC 1-7
B01F 7/00; **B01F 15/00**; **A01C 3/02**

IPC 8 full level
A01C 3/02 (2006.01); **B01F 7/00** (2006.01); **B01F 15/00** (2006.01); **F04D 13/06** (2006.01); **F04D 13/08** (2006.01); **F04D 29/60** (2006.01)

CPC (source: EP)
B01F 27/25 (2022.01); **F04D 13/086** (2013.01); **F04D 29/607** (2013.01)

Designated contracting state (EPC)
BE DE NL SE

DOCDB simple family (publication)
DE 4236217 C1 19931223; DE 59302534 D1 19960613; EP 0666775 A1 19950816; EP 0666775 B1 19960508; WO 9409893 A1 19940511

DOCDB simple family (application)
DE 4236217 A 19921027; DE 59302534 T 19930902; EP 9302369 W 19930902; EP 93920690 A 19930902