

Title (en)

Submerged pumping system with multi-strand cable.

Title (de)

Tauchpumpenanlage mit einem aus mehreren Drähten bestehenden Kabel.

Title (fr)

Système de pompage submersible avec câble multi-fils.

Publication

EP 0208035 A1 19870114 (EN)

Application

EP 85305757 A 19850814

Priority

US 74173185 A 19850605

Abstract (en)

A submersible pumping system is disclosed for pumping cryogenic liquid from a reservoir (1) in which an electrically powered motor/pump unit (34/32) is located in an operative position at the bottom of a fluid transmitting casing (14) in the reservoir (1). The motor/pump unit (34/32) is electrically connected to a power source and to ground by means of flexible electrical and ground conduits (62/64), and is raised and lowered through the casing by means of support (56) and lift cables (76). The flexible conduits (62/64) and support cable (56) are arranged within a flexible sheath (60) to thereby provide a multi-strand cable which is separated from the lift cable (76) by detachable brackets (80).

IPC 1-7

B67D 5/50; **F04D 29/60**; **H01B 7/04**

IPC 8 full level

F04B 47/06 (2006.01); **B67D 7/68** (2010.01); **F04D 29/60** (2006.01); **H01B 7/04** (2006.01)

CPC (source: EP KR)

B67D 7/68 (2013.01 - EP); **F04D 13/00** (2013.01 - KR); **F04D 29/607** (2013.01 - EP); **H01B 7/046** (2013.01 - EP); **F17C 2223/0161** (2013.01 - EP); **F17C 2227/0178** (2013.01 - EP)

Citation (search report)

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