

Title (en)
FLOATING WATER INTAKE FOR WATER PUMPING INSTALLATION

Publication
EP 0032086 A3 19810729 (FR)

Application
EP 80401816 A 19801218

Priority
FR 7931654 A 19791226

Abstract (en)
[origin: EP0032086A2] 1. Pumping installation for pumping water at a site which is subject to substantial variation in water level, comprising a pumping apparatus situated on land, a buoyant water-inlet head (1) and a pipe system (3, 4) connecting the buoyant water-inlet head (1) to the pumping apparatus, the pipe system (3, 4) comprising a pipe (3) to land connected to the pumping apparatus and a flexible and pliable sleeve which joins said buoyant head (1) to the land pipe (3) and which allows a vertical movement of said buoyant head (1) caused by a variation in the water level, said buoyant head (1) comprising an intake chamber (5) with a water-inlet opening and a water-tight casing (7) forming a float which is disposed above the intake chamber (5), characterised in that the buoyant head (1) comprises means for adjusting its flotation level by variation of its weight in the water, in such a way that, in operation, its water-inlet opening remains at the desired depth beneath the water level, whatever the water level may be.

IPC 1-7
E02B 13/00; E03B 5/00; E02F 3/92; F04D 29/70

IPC 8 full level
F04D 29/44 (2006.01); **E02B 13/00** (2006.01); **E02F 3/92** (2006.01); **F04B 53/16** (2006.01)

CPC (source: EP)
E02B 13/00 (2013.01); **E02F 3/92** (2013.01)

Citation (search report)

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DE GB IT NL

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EP 0032086 A2 19810715; **EP 0032086 A3 19810729**; **EP 0032086 B1 19831228**; DE 3066033 D1 19840202; ES 498610 A0 19811116; ES 8200429 A1 19811116; FR 2472630 A1 19810703; FR 2472630 B1 19830415; JP S5692378 A 19810727

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