

Title (en)

SELFPRIMING CENTRIFUGAL PUMP FOR DANGEROUS LIQUIDS PARTICULARLY RADIO-ACTIVE LIQUIDS

Publication

EP 0296952 B1 19920304 (FR)

Application

EP 88401531 A 19880620

Priority

FR 8708726 A 19870622

Abstract (en)

[origin: EP0296952A1] The present invention relates to a vertical, self-priming centrifugal pump located under a protective slab comprising a fixed bowl welded to the intake and delivery pipework and movable fittings removable through the top, characterised in that the hydraulic section comprises a wheel 13 with radial vanes driven by an engine shaft, that the said wheel turns between a bottom plate 14 provided with an intake hole and an upper bulkhead 20 hollowed out on the wheel side, an oval recess 23 ending in a hole 21 allowing the liquid to flow out. <IMAGE>

IPC 1-7

F04D 5/00; **F04D 7/08**; **F04D 29/60**

IPC 8 full level

F04D 5/00 (2006.01); **F04D 7/08** (2006.01); **F04D 9/02** (2006.01); **F04D 29/60** (2006.01)

CPC (source: EP KR)

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Designated contracting state (EPC)

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EP 0296952 A1 19881228; **EP 0296952 B1 19920304**; BR 8803160 A 19890208; CA 1325552 C 19931228; CN 1015126 B 19911218; CN 1030815 A 19890201; DE 3868719 D1 19920409; ES 2030184 T3 19921016; FR 2616853 A1 19881223; FR 2616853 B1 19891117; JP 2637477 B2 19970806; JP H01117994 A 19890510; KR 890000795 A 19890316; KR 960016790 B1 19961221

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