

Title (en)

Multi-stage electric pump

Title (de)

Elektrisch angetriebene mehrstufige Pumpe

Title (fr)

Pompe électrique à plusieurs étages

Publication

EP 1431584 A2 20040623 (EN)

Application

EP 03380287 A 20031212

Priority

ES 200203032 U 20021218

Abstract (en)

Multi-stage electric pump (1), which comprises a multi-stage pump (2) coupled to an electric motor (3). The multi-stage pump (2) is essentially formed from a tubular body (4) which, at the end opposite that of the electric motor (3), is equipped with a water inlet (6) and a suction chamber (7) and, at the other end beside the electric motor (3), with a discharge chamber (8) and a water outlet (9), which is equipped with a pressure detector (10) and a non-return valve (11) equipped with a zero or minimum discharge detector (12). <IMAGE>

IPC 1-7

F04D 15/02

IPC 8 full level

F04D 1/06 (2006.01); **F04D 13/06** (2006.01); **F04D 15/02** (2006.01)

CPC (source: EP)

F04D 1/063 (2013.01); **F04D 13/06** (2013.01); **F04D 15/0209** (2013.01)

Cited by

CN117967579A; CN114294236A; US7946810B2; US9139985B2; US8172523B2

Designated contracting state (EPC)

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