

Title (en)

Device for the performance adaptation of a liquid ring pump

Title (de)

Vorrichtung zur Anpassung der Leistung einer Flüssigkeitsringpumpe

Title (fr)

Appareil pour l'adaptation des performances d'une pompe à anneau liquide

Publication

**EP 1762728 B1 20121107 (EN)**

Application

**EP 06019078 A 20060912**

Priority

DE 102005043434 A 20050913

Abstract (en)

[origin: EP1762728A1] For a device (4) for the performance adaptation of a liquid ring pump, said liquid ring pump (1) comprising a cylindrical workspace (6) for conveying a conveyed fluid (15) between an intake socket (16a) and a pressure socket (18a). The device (4) comprises a control unit (28), control line (22) and a control element (26,102, 206b) connected with the workspace (6). The device is designed to vary the amount of the operating fluid (5) of the liquid ring pump (1) during operation (running) of said pump (1). Also, a method for adapting the performance of the liquid ring pump (1), which is performed in particular via the device (4) is specified.

IPC 8 full level

**F04C 19/00** (2006.01)

CPC (source: EP US)

**F04C 19/001** (2013.01 - EP US); **F04C 19/004** (2013.01 - EP US)

Cited by

CN110418891A; WO2018156909A1; WO2023156951A1

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**EP 1762728 A1 20070314; EP 1762728 B1 20121107**; CN 1932292 A 20070321; DE 102005043434 A1 20070315; ES 2396482 T3 20130221; US 2007059185 A1 20070315

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