

Title (en)

ELECTRIC PUMP, IN PARTICULAR FOR OPERATING A LIFTING CYLINDER OF A SHOCK ABSORBER FOR VEHICLES

Title (de)

ELEKTRISCHE PUMPE, INSBESONDERE ZUM BETREIBEN EINES HUBZYLINDERS EINES STOSSDÄMPFERS FÜR FAHRZEUGE

Title (fr)

POMPE ÉLECTRIQUE, EN PARTICULIER POUR FAIRE FONCTIONNER UN CYLINDRE DE LEVAGE D'UN AMORTISSEUR DE CHOCS POUR VÉHICULES

Publication

**EP 4306800 A1 20240117 (EN)**

Application

**EP 23184939 A 20230712**

Priority

IT 202200014926 A 20220715

Abstract (en)

An electric pump has a containing tank (4) for an operating fluid (5), a feeding pump (6) to feed the operating fluid (5) from the containing tank (4) to a user, and a hydraulic circuit (7) to connect the containing tank (4), the feeding pump (6), and the user to one another; the containing tank (4) housing, on the inside, a floating piston (9) designed to divide the containing tank (4) into a first chamber (10) to contain the operating fluid (5) and into a second chamber (11) communicating with the outside and, hence, at atmospheric pressure.

IPC 8 full level

**F04B 17/03** (2006.01); **F04B 23/02** (2006.01)

CPC (source: EP)

**F04B 17/03** (2013.01); **F04B 23/025** (2013.01)

Citation (search report)

- [XAI] EP 3276172 A1 20180131 - DROPSA SPA [IT]
- [IA] JP 2020104833 A 20200709 - ADVICS CO LTD
- [IA] DE 102018215132 A1 20200312 - FORD GLOBAL TECH LLC [US]
- [A] US 2017037923 A1 20170209 - SIRVEN JACQUES [FR], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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