

Title (en)

A device for providing automatic circulation in a waste water pump.

Title (de)

Vorrichtung zur automatischen Zirkulation in Abwasserpumpstation.

Title (fr)

Dispositif pour circulation automatique dans une station de pompage des eaux usées.

Publication

EP 0594548 A1 19940427 (EN)

Application

EP 93850173 A 19930908

Priority

SE 9202759 A 19920924

Abstract (en)

The invention concerns a device for providing automatic circulation in waste water pump stations. On the pressure side the pump unit is provided with a valve (6) which during certain periods opens a connection between the pump and the pump station, thus obtaining a circulation in the latter. The valve (6) is opened and closed by a valve flap (18) which is controlled by the pump pressure. <IMAGE>

IPC 1-7

E03F 5/22; **E04D 15/02**

IPC 8 full level

E03F 5/22 (2006.01); **F04D 15/00** (2006.01)

CPC (source: EP)

E03F 5/22 (2013.01); **F04D 15/0011** (2013.01)

Cited by

DE4415233C1; EP1154085A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0594548 A1 19940427; **EP 0594548 B1 19970813**; DE 69313069 D1 19970918; DE 69313069 T2 19980219; SE 469844 B 19930927; SE 9202759 D0 19920924; SE 9202759 L 19930927

DOCDB simple family (application)

EP 93850173 A 19930908; DE 69313069 T 19930908; SE 9202759 A 19920924