

Title (en)

WASTEWATER LIFTING STATION COMPRISING CUTTING UNIT

Title (de)

ABWASSERHEBEANLAGE MIT SCHNEIDWERK

Title (fr)

INSTALLATION DE RELEVAGE D'EAUX USÉES COMPRENANT UN MÉCANISME DE COUPE

Publication

**EP 3559362 A1 20191030 (DE)**

Application

**EP 17822614 A 20171213**

Priority

- DE 102016225921 A 20161221
- EP 2017082562 W 20171213

Abstract (en)

[origin: WO2018114511A1] The invention relates to an apparatus comprising a container (1) for collecting a medium. The apparatus has a centrifugal pump for conveying the medium from the container (1), and has a comminuting assembly. The comminuting assembly is arranged upstream of an impeller (8). The comminuting assembly has a rotating element (13) which interacts with a fixed element (15) in order to comminute solid impurities in the medium. The fixed element (15) is mounted on the interior of a housing portion (6) of the centrifugal pump.

IPC 8 full level

**E03F 5/22** (2006.01)

CPC (source: EP RU)

**E03F 5/22** (2013.01 - EP RU); **F04D 7/02** (2013.01 - RU)

Citation (search report)

See references of WO 2018114511A1

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102016225921 A1 20180621**; CL 2019001764 A 20190923; CN 110139965 A 20190816; CN 110139965 B 20220624; EP 3559362 A1 20191030; EP 3559362 B1 20220406; RU 2019122298 A 20210122; RU 2019122298 A3 20210125; RU 2749751 C2 20210616; WO 2018114511 A1 20180628

DOCDB simple family (application)

**DE 102016225921 A 20161221**; CL 2019001764 A 20190621; CN 201780082543 A 20171213; EP 17822614 A 20171213; EP 2017082562 W 20171213; RU 2019122298 A 20171213