

Title (en)

Filling device for the suction conveyance of non-homogeneous fluids

Title (de)

Befüllvorrichtung zur Saugförderung von nichthomogenen Flüssigkeiten

Title (fr)

Dispositif de remplissage pour le convoyage par aspiration de liquides non homogènes

Publication

EP 2754897 B1 20200401 (DE)

Application

EP 14150629 A 20140109

Priority

DE 202013100179 U 20130114

Abstract (en)

[origin: EP2754897A2] The device has a housing (1) provided with an intake (2) and a discharge piece (3). A drivable shaft (4) is supported inside a suction wheel. A stationary blade (11) cooperating a cutting blade (10) is provided in a region of the intake. The shaft with an end extends to the intake. The cutting blade is rotationally fixed to the end of the shaft for forming blade gap between the stationary blade and the cutting blade axially adjustable in the housing. Rotation of an adjusting sleeve (6) causes displacement of the shaft along axial direction.

IPC 8 full level

F04D 7/04 (2006.01); **F04D 29/22** (2006.01); **F04D 29/62** (2006.01)

CPC (source: EP)

F04D 7/045 (2013.01); **F04D 29/2288** (2013.01); **F04D 29/622** (2013.01)

Cited by

CH717149A1

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

DOCDB simple family (publication)

DE 202013100179 U1 20130125; DK 2754897 T3 20200706; EP 2754897 A2 20140716; EP 2754897 A3 20180321; EP 2754897 B1 20200401; HU E049213 T2 20200928; PL 2754897 T3 20200824

DOCDB simple family (application)

DE 202013100179 U 20130114; DK 14150629 T 20140109; EP 14150629 A 20140109; HU E14150629 A 20140109; PL 14150629 T 20140109