

Title (en)

Lifting assembly for disposing of domestic waste water

Title (de)

Hebeanlage zum Entsorgen häuslicher Abwässer

Title (fr)

Installation de levage pour évacuer des eaux usées ménagères

Publication

EP 2392740 A3 20130403 (DE)

Application

EP 11004403 A 20110530

Priority

DE 102010022704 A 20100604

Abstract (en)

[origin: EP2392740A2] The system has an eccentric spiral pump (1) for sucking waste water from a collecting tank (4). A crushing device is arranged on a suction side of a motor shaft and driven by the motor shaft. The pump is arranged at a distance from the collecting tank and connected with the crushing device and the collecting tank by a suction line (3). Cross section of a pressure pipe (13) projecting from the pump amounts to one-third to one-tenth of cross section of the suction line. The pump is arranged within a building, and the collecting tank is arranged outside the building. The system is provided with a flexible pump stator that is made of rubber or soft plastics.

IPC 8 full level

E03F 5/22 (2006.01); **F04C 2/107** (2006.01)

CPC (source: EP)

E03F 5/22 (2013.01); **F01C 21/007** (2013.01); **F04C 2/1071** (2013.01); **F04C 13/004** (2013.01); **F04C 2210/1083** (2013.01); **F04C 2210/24** (2013.01)

Citation (search report)

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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)

EP 2392740 A2 20111207; EP 2392740 A3 20130403; DE 102010022704 A1 20111208

DOCDB simple family (application)

EP 11004403 A 20110530; DE 102010022704 A 20100604