

Title (en)
Waste water hoisting facility

Title (de)
Abwasserhebeanlage

Title (fr)
Installation de relèvement d'eaux usées

Publication
EP 2573287 A1 20130327 (DE)

Application
EP 11182388 A 20110922

Priority
EP 11182388 A 20110922

Abstract (en)
The system has a pump unit (10) arranged in or at a collection container (2) and provided with a pressure line (18), where a non-return valve (24) is arranged at the pressure line. The valve is detachably fastened at the system by external and internal screw threads, a bayonet connection or a releasable detent connection i.e. springy detent tongue. An aperture is formed at a top face of the collection container and locked by a flange plate (4). A locking projection is formed at an external peripheral part of the valve. The tongue is integrally formed with a part of the pressure line. The collection container is designed as a pot-shaped upwardly opened container.

Abstract (de)
Die Erfindung betrifft eine Abwasserhebeanlage mit einem Sammelbehälter (2) und zumindest einem in oder an dem Sammelbehälter (2) angeordneten Pumpenaggregat (10) mit einer Druckleitung (18), wobei an der Druckleitung (18) ein Rückschlagventil (24) angeordnet ist, wobei das Rückschlagventil (24) mittels eines Gewindes (28, 30) oder einer Bajonettverbindung und einer zusätzlichen, lösbaren Verdrehsicherung (36) an der Abwasserhebeanlage lösbar befestigt ist.

IPC 8 full level
E03F 5/22 (2006.01)

CPC (source: EP)
E03F 5/22 (2013.01)

Citation (search report)
• [Y] EP 1731684 A1 20061213 - KSB AG [DE]
• [Y] DE 202009002780 U1 20090604 - KSB AG [DE]
• [Y] US 5931508 A 19990803 - SPRIEGEL CLARK F [US]
• [Y] EP 1493957 A1 20050105 - GEBERIT TECHNIK AG [CH]

Cited by
CN113137377A

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 2573287 A1 20130327

DOCDB simple family (application)
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