

Title (en)
BULK GOODS CLEANING SYSTEM

Title (de)
SCHÜTTGUTREINIGUNGSANLAGE

Title (fr)
INSTALLATION DE LAVAGE DE PRODUIT EN VRAC

Publication
EP 2608888 A1 20130703 (DE)

Application
EP 10768383 A 20100827

Priority
DE 2010075083 W 20100827

Abstract (en)
[origin: WO2012025071A1] The invention relates to an assembly (10) for cleaning soiled bulk goods. The assembly contains an accommodating and conveying device (12, 14, 16, 22, 29, 34) for accommodating and conveying the soiled bulk goods within the assembly (10). In addition, a mechanical separating unit (19) for mechanically separating the bulk goods and/or sludge, having a feeding (40) and mixing device (18) for feeding and mixing support grains and water into the soiled bulk goods, is provided. Furthermore, a screening device (25) having a vibrating screen (24) for removing large-grained components, in particular the support grains, is contained. A centrifuge (28) for separating contaminants from the bulk goods, an entrainment classifier (30) for entraining loosened suspended solids from the bulk goods, and dehydrating agents (32) for separating the cleaned bulk goods and the water contained therein are provided.

IPC 8 full level
B03B 5/02 (2006.01); **B03B 9/00** (2006.01); **B07B 1/00** (2006.01); **B07B 1/28** (2006.01); **B07B 13/16** (2006.01); **B08B 3/02** (2006.01)

CPC (source: EP)
B03B 5/02 (2013.01); **B03B 9/00** (2013.01); **B07B 1/005** (2013.01); **B07B 1/28** (2013.01); **B07B 13/16** (2013.01); **B08B 3/02** (2013.01)

Citation (search report)
See references of WO 2012025071A1

Cited by
CN107961976A

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2012025071 A1 20120301; CA 2804656 A1 20120301; CA 2804656 C 20180501; DE 112010005823 A5 20130606;
EP 2608888 A1 20130703; EP 2608888 B1 20161214; RU 2013108171 A 20140827; RU 2571112 C2 20151220

DOCDB simple family (application)
DE 2010075083 W 20100827; CA 2804656 A 20100827; DE 112010005823 T 20100827; EP 10768383 A 20100827;
RU 2013108171 A 20100827