

Title (en)

DEVICE FOR UNLOADING BULK MATERIAL AND FACILITY COMPRISING A CONTAINER PROVIDED WITH SUCH AN UNLOADING DEVICE

Title (de)

VORRICHTUNG ZUM ENTLADEN VON SCHÜTTGUT UND ANLAGE MIT EINEM BEHÄLTER MIT SOLCH EINER ENTLADEVORRICHTUNG

Title (fr)

DISPOSITIF DE DÉCHARGEMENT DE MATÉRIAU EN VRAC ET INSTALLATION COMPRENANT UN CONTENEUR MUNI D'UN TEL DISPOSITIF DE DÉCHARGEMENT

Publication

**EP 3099764 A1 20161207 (FR)**

Application

**EP 15701045 A 20150127**

Priority

- FR 1450653 A 20140127
- EP 2015051617 W 20150127

Abstract (en)

[origin: WO2015110662A1] The invention relates to a device for unloading bulk material, which comprises a plurality of elongate retaining elements (12, 14) extending parallel to one another in a longitudinal direction (X), forming a support surface (16) for the material, intended for being in contact with the material, in which the retaining elements (12, 14) are arranged next to one another in a transverse direction (Y) perpendicular to the longitudinal direction (X) while also defining interstices therebetween, intended for allowing the flow by gravity of at least one portion of the material, in which at least two retaining elements (12, 14) are translatably movable relative to one another in the longitudinal direction (X). The invention can be used in a storage silo or in a biomass roasting column.

IPC 8 full level

**C10L 9/08** (2006.01); **B01J 8/00** (2006.01); **C10L 5/44** (2006.01); **F23H 9/08** (2006.01); **F23H 11/06** (2006.01); **F23H 11/18** (2006.01)

CPC (source: EP)

**B01J 8/002** (2013.01); **B01J 8/003** (2013.01); **B01J 8/0045** (2013.01); **C10L 9/083** (2013.01); **F23H 11/06** (2013.01); **F23H 11/18** (2013.01); **F23H 15/00** (2013.01); **F26B 25/002** (2013.01); **Y02E 50/10** (2013.01); **Y02E 50/30** (2013.01)

Citation (search report)

See references of WO 2015110662A1

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)

**WO 2015110662 A1 20150730**; EP 3099764 A1 20161207; FR 3016867 A1 20150731; FR 3016867 B1 20160715

DOCDB simple family (application)

**EP 2015051617 W 20150127**; EP 15701045 A 20150127; FR 1450653 A 20140127