

Title (en)

Attachment; method for receiving bulk material stored on a floor

Title (de)

Anbaugerät; Verfahren zur Aufnahme von auf einem Boden gelagerten Schüttgut

Title (fr)

Élément auxiliaire ; procédé destiné à la réception de marchandises en vrac stockées au sol

Publication

EP 2557235 A3 20141022 (DE)

Application

EP 12004285 A 20120605

Priority

DE 102011106991 A 20110708

Abstract (en)

[origin: EP2557235A2] The equipment (1) has loading opening (2) for retaining an item in a loading space, and a connection device (4) for connecting the equipment with a tractor front loader, a telehoist load lugger (5), a wheeled loader and a farm loader. A cleaning apparatus (6) is movably arranged at a side of the equipment, where the side faces the loading opening. A limiting unit limits mobility of the cleaning apparatus that extends over entire width of the equipment. The cleaning apparatus is arranged in front of a wheel of the front loader, the load lugger, the wheeled loader and the farm loader. The cleaning apparatus is designed as a broom, a cleaning blade, a rubber lip or a rotary brush. An independent claim is also included for a method for retaining bulk material using an accessory equipment.

IPC 8 full level

E02F 3/96 (2006.01); **E02F 3/40** (2006.01)

CPC (source: EP)

E01H 1/04 (2013.01); **E02F 3/3402** (2013.01); **E02F 3/3604** (2013.01); **E02F 3/962** (2013.01)

Citation (search report)

- [X] DE 202011004272 U1 20110609 - IMMERZ GUENTHER [DE]
- [XA] US 3922745 A 19751202 - LEHMAN GERHARD H
- [XA] JP S5941533 A 19840307 - CATERPILLAR MITSUBISHI LTD
- [A] WO 8803200 A1 19880505 - OLSSON GUNNAR [SE]
- [A] FR 2516566 A1 19830520 - AUTOMOVILES UTILITARIOS SA [ES]
- [A] US 6269560 B1 20010807 - PRATT SAMUEL S [US]

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)

DE 102011106991 A1 20130110; DE 102011106991 B4 20140403; DK 2557235 T3 20161205; EP 2557235 A2 20130213; EP 2557235 A3 20141022; EP 2557235 B1 20160810; PL 2557235 T3 20170731

DOCDB simple family (application)

DE 102011106991 A 20110708; DK 12004285 T 20120605; EP 12004285 A 20120605; PL 12004285 T 20120605