

Title (en)

Method and device for handling BigBags

Title (de)

Verfahren und Vorrichtung zum Handhaben von BigBags

Title (fr)

Procédé et dispositif de manipulation de conteneurs souples

Publication

EP 2128052 B1 20121017 (DE)

Application

EP 09160737 A 20090520

Priority

- DE 102008025492 A 20080528
- DE 102009013392 A 20090316

Abstract (en)

[origin: EP2128052A2] The device has a rail hung in sufficient height above underground, and a carriage movable along the rail. The carriage has support hooks (4a, 4b) for hanging wrist straps (5a, 5b) of big bags (1), and lower parts at which the hooks are arranged. The lower parts are lifted and lowered relative to upper parts of the carriage by a lifting device. The lifting device is provided opposite to each other and spaced in a longitudinal direction of the rail, and engages edges of the carriage. The lifting device has cutting bars that are arranged transverse to longitudinal direction of a conductor rail.

IPC 8 full level

B65B 69/00 (2006.01); **B65G 63/00** (2006.01)

CPC (source: EP)

B65B 69/0083 (2013.01); **B66C 13/06** (2013.01)

Cited by

CN110937386A; CN110155753A; CN112693924A; CN110217603A; WO2024025205A1

Designated contracting state (EPC)

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 TR

DOCDB simple family (publication)

DE 202009008834 U1 20090924; EP 2128052 A2 20091202; EP 2128052 A3 20091230; EP 2128052 B1 20121017

DOCDB simple family (application)

DE 202009008834 U 20090520; EP 09160737 A 20090520