

Title (en)

A METHOD FOR FILLING A CAVITY WITH A QUANTITY OF PARTICULATE MATERIAL

Title (de)

VERFAHREN ZUM FÜLLEN EINES HOHLRAUMS MIT EINER MENGE AN TEILCHENFÖRMIGEM MATERIAL

Title (fr)

PROCEDE DE REMPLISSAGE D UNE CAVITE AVEC UNE QUANTITE DE MATIERE PARTICULAIRE

Publication

EP 1879798 A4 20100728 (EN)

Application

EP 06733374 A 20060428

Priority

- SE 2006000519 W 20060428
- SE 0501011 A 20050502

Abstract (en)

[origin: WO2006118526A1] A method for filling a cavity (2, 15.1, 15.2) with a quantity (12.1, 12.2) of particulate material, comprising the steps of filling a chamber (4, 10.1, 10.2) with its open side facing upwards with the quantity (12.1, 12.2) of particulate material, positioning the opening of the cavity (2, 15.1, 15.2) opposite the opening of the filled chamber (4, 10.1, 10.2), and thereafter rotating the chamber (4, 10.1, 10.2) and the cavity (2, 15.1, 15.2) so that the cavity (2, 15.1, 15.2) is positioned with its open side facing upwards and the chamber (4, 10.1, 10.2) with its open side facing downwards, whereby the quantity (12.1, 12.2) of particulate material is emptied into the cavity (2, 15.1, 15.2). A corresponding device comprising a chamber (4, 10.1, 10.2), filling means (22, 23, 24) for filling the chamber (4, 10.1, 10.2) with the quantity (12.1, 12.2) of particulate material, operating means (29) for positioning the opening of the cavity (2, 15.1, 15.2) opposite the opening of the chamber (4, 10.1, 10.2), and conveyor belt (20) for rotating the chamber (4, 10.1, 10.2) and the cavity (2, 15.1, 15.2) so that the cavity (2, 15.1, 15.2) is positioned with its open side facing upwards and the chamber (4, 10.1, 10.2) is positioned with its open side facing downwards.

IPC 8 full level

B65B 1/36 (2006.01); **B65B 9/04** (2006.01); **B65B 37/20** (2006.01)

CPC (source: EP US)

B65B 1/36 (2013.01 - EP US); **B65B 7/162** (2013.01 - EP US); **B65B 37/20** (2013.01 - EP US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2006118526A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006118526 A1 20061109; CN 101171174 A 20080430; EP 1879798 A1 20080123; EP 1879798 A4 20100728; JP 2008540263 A 20081120; US 2008190516 A1 20080814

DOCDB simple family (application)

SE 2006000519 W 20060428; CN 200680015062 A 20060428; EP 06733374 A 20060428; JP 2008509974 A 20060428; US 91340306 A 20060428