

Title (en)

SYSTEM AND METHOD FOR WITHDRAWING BULK MATERIAL

Title (de)

SYSTEM UND VERFAHREN ZUR ENTNAHME VON SCHÜTTGUT

Title (fr)

SYSTEME ET PROCEDE POUR PRELEVER DES PRODUITS EN VRAC

Publication

EP 1220805 A1 20020710 (DE)

Application

EP 00966109 A 20001004

Priority

- EP 00966109 A 20001004
- EP 0009701 W 20001004
- EP 99119620 A 19991004

Abstract (en)

[origin: EP1090856A1] The discharge system for pourable goods from a container (10) incorporates a discharge appliance (23) placed at the outlet of the container. A conveyor conveys pourable goods flowing out of the container into the discharge appliance contrary to the discharge direction to a distributor part of the discharge appliance. A vacuum arrangement (39) is attached to the discharge appliance. An air inflow arrangement (17,19,20) conducts air for fluidization into the pourable goods in the container.

IPC 1-7

B65D 88/72; B65D 88/68

IPC 8 full level

B65D 88/68 (2006.01); **B65D 88/72** (2006.01)

CPC (source: EP US)

B65D 88/68 (2013.01 - EP US); **B65D 88/72** (2013.01 - EP US)

Citation (search report)

See references of WO 0125120A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1090856 A1 20010411; AT E273881 T1 20040915; AU 7661700 A 20010510; DE 50007508 D1 20040923; EP 1220805 A1 20020710;
EP 1220805 B1 20040818; US 2002154956 A1 20021024; US 6623233 B2 20030923; WO 0125120 A1 20010412

DOCDB simple family (application)

EP 99119620 A 19991004; AT 00966109 T 20001004; AU 7661700 A 20001004; DE 50007508 T 20001004; EP 0009701 W 20001004;
EP 00966109 A 20001004; US 10837602 A 20020329