

Title (en)

DEVICE FOR DISPENSING BULK MATERIALS

Title (de)

VERTEILERSCHURRE FÜR SCHÜTTGUT

Title (fr)

DISPOSITIF DE REPARTITION DE MATIERES EN VRAC

Publication

**EP 1129221 A1 20010905 (FR)**

Application

**EP 99955851 A 19991005**

Priority

- EP 9907354 W 19991005
- LU 90295 A 19981006

Abstract (en)

[origin: WO0020647A1] The invention concerns a device for dispensing bulk materials comprising a vertical rotor (22) wherein is suspended a chute (14) so as to pivot about a substantially horizontal pin (26). A guiding device (68i, 70i) interlocked in rotation with the rotor (22), is connected between the rotor (22) and a first ring (66), so that the latter can axially slide along the rotor (22). Connecting rods (73, 73') transform a vertical sliding of the first ring (66) causing the chute (14) to pivot. A roller ring (76) connects the first ring (66) to a second ring (74), whereto are connected control means, for example a lever actuated by a hydraulic actuator (80), capable of varying the vertical position of the two rings (66, 74) and the chute (14) inclination.

IPC 1-7

**C21B 7/20**

IPC 8 full level

**C21B 7/20** (2006.01); **F27B 1/20** (2006.01)

CPC (source: EP US)

**C21B 7/20** (2013.01 - EP US)

Citation (search report)

See references of WO 0020647A1

Cited by

EP2530885A1

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)

**WO 0020647 A1 20000413**; AT E235562 T1 20030415; AU 1264300 A 20000426; CN 1208472 C 20050629; CN 1250104 A 20000412; CN 1300342 C 20070214; CN 1641050 A 20050720; DE 69906357 D1 20030430; DE 69906357 T2 20031211; EP 1129221 A1 20010905; EP 1129221 B1 20030326; LU 90295 B1 20000407; RU 2228364 C2 20040510; US 6390268 B1 20020521

DOCDB simple family (application)

**EP 9907354 W 19991005**; AT 99955851 T 19991005; AU 1264300 A 19991005; CN 200510006349 A 19990913; CN 99118805 A 19990913; DE 69906357 T 19991005; EP 99955851 A 19991005; LU 90295 A 19981006; RU 2001111872 A 19991005; US 80694501 A 20010620