

Title (en)

DISCHARGING DEVICE FOR A CONTAINER OF BULK GOODS

Publication

**EP 0104140 B1 19870121 (DE)**

Application

**EP 83810378 A 19830824**

Priority

CH 547782 A 19820916

Abstract (en)

[origin: ES8405710A1] A device for unloading a container used for bulk materials is such that a container floor is made up at least in part of flaps which can be tilted or swung out away from the interior. To this end at least two flaps are connected via a ridging beam or axle which runs through the interior of the container above a rotatable shaft. The rotational movement of the shaft is transmitted to the flaps to actuate same. The shaft features on opposite sides and transverse to its longitudinal axis first and second flange pairs, the former accommodating an elbow lever with the help of a push-fit bolt, and the latter a lever with the help of a bolt. The elbow lever and the lever are hinged to the flaps respectively. Further, connected to the flaps is a lock which joins up via bolts with the elbow lever or the lever, and in the closed position engages on a latching device.

IPC 1-7

**B61D 7/28**; **B61D 7/02**

IPC 8 full level

**B61D 7/02** (2006.01); **B61D 7/28** (2006.01)

CPC (source: EP US)

**B61D 7/02** (2013.01 - EP US); **B61D 7/28** (2013.01 - EP US); **Y10T 292/0879** (2015.04 - EP US)

Cited by

US6745701B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU

DOCDB simple family (publication)

**EP 0104140 A2 19840328**; **EP 0104140 A3 19840725**; **EP 0104140 B1 19870121**; AT E25046 T1 19870215; AU 1854283 A 19840322; AU 559420 B2 19870312; CA 1230780 A 19871229; DE 3236424 A1 19840322; DE 3236424 C2 19870212; DE 3369287 D1 19870226; ES 525480 A0 19840701; ES 8405710 A1 19840701; US 4580502 A 19860408; ZA 836387 B 19840530

DOCDB simple family (application)

**EP 83810378 A 19830824**; AT 83810378 T 19830824; AU 1854283 A 19830830; CA 436780 A 19830915; DE 3236424 A 19821001; DE 3369287 T 19830824; ES 525480 A 19830908; US 53092383 A 19830912; ZA 836387 A 19830829