

Title (en)

CARDBOARD BOX HAVING AN INTEGRATED DOSING DEVICE

Publication

EP 0249108 A3 19890322 (DE)

Application

EP 87107817 A 19870529

Priority

DE 3619215 A 19860607

Abstract (en)

[origin: US4778102A] A folding box with an integrated dispenser and pouring opening for powder products and granulates to provide for uniform dispensing, even during the first dispensing process, and to be made in one piece on erection of the folding box from a flat box blank. The dispenser has a dispensing duct wall which extends over the entire width of the pouring side wall transversely of the pouring opening and which is cut below the height of the pouring opening and displaced parallel into the interior of the box to form a wall of the dispensing chamber. The wall of the dispensing chamber is fixed at the base of the dispensing chamber by means of a pressure tongue secured to the pouring side wall.

IPC 1-7

B65D 5/76

IPC 8 full level

B65D 5/76 (2006.01)

CPC (source: EP US)

B65D 5/76 (2013.01 - EP US)

Citation (search report)

- [YD] US 2750082 A 19560612 - KOWAL MICHAEL H
- [Y] US 2381800 A 19450807 - BISKAMP ERNEST J
- [A] US 2769581 A 19561106 - LOGEMANN GEORGE H

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL

DOCDB simple family (publication)

EP 0249108 A2 19871216; EP 0249108 A3 19890322; EP 0249108 B1 19920826; AT E79813 T1 19920915; CA 1281693 C 19910319; DE 3619215 A1 19871210; DE 3781331 D1 19921001; ES 1005839 U 19881201; ES 1005839 Y 19890516; ES 2033734 T3 19930401; JP S6348 A 19880105; US 4778102 A 19881018

DOCDB simple family (application)

EP 87107817 A 19870529; AT 87107817 T 19870529; CA 539142 A 19870608; DE 3619215 A 19860607; DE 3781331 T 19870529; ES 8701916 U 19870605; ES 87107817 T 19870529; JP 13909387 A 19870604; US 5966087 A 19870608