

Title (en)

BAG PROVIDED WITH A VALVE IN THE BOTTOM

Publication

**EP 0004396 B1 19801001 (DE)**

Application

**EP 79200112 A 19790306**

Priority

DE 2812782 A 19780323

Abstract (en)

[origin: EP0004396A2] 1. Bottom valve bag including a tube-shaped interior or exterior valve (20) substance-affixed to the charging aperture in the bottom which is, in particular, of the cross bottom type and which may be covered by an outer sheet (40), wherein said valve (20) comprises magnetic closure means (24).

IPC 1-7

**B65D 30/24**

IPC 8 full level

**B65D 30/24** (2006.01)

CPC (source: EP)

**B65D 31/142** (2013.01); **B65D 2313/04** (2013.01)

Cited by

DE3700392A1; US5505305A; US5687848A; US5704480A; WO9519754A1

Designated contracting state (EPC)

BE CH FR IT LU NL SE

DOCDB simple family (publication)

**EP 0004396 A2 19791003**; **EP 0004396 A3 19791017**; **EP 0004396 B1 19801001**; AT 362294 B 19810427; AT A186579 A 19800915; DE 2812782 A1 19790927

DOCDB simple family (application)

**EP 79200112 A 19790306**; AT 186579 A 19790313; DE 2812782 A 19780323