

Title (en)

Fully openable barrel with a closure.

Title (de)

Vollständig zu öffnendes Fass mit Verschluss.

Title (fr)

Fût à ouverture totale muni d'une fermeture.

Publication

**EP 0509978 A1 19921021 (FR)**

Application

**EP 92870061 A 19920417**

Priority

BE 9100365 A 19910419

Abstract (en)

The invention relates to a closure of a metal barrel having a clamping collar (18). The hoop (3) of the barrel comprises stopping means placed under the helically wound edge (4) of the hoop (3) of the barrel, these stopping means determining an annular concavity (21) turned towards the outside of the barrel, the dimensions of the clamping collar (18) being such that, when it is tightened into place, the free edge (20) of its lower strip (19) is engaged in the annular concavity (21), the diameter of this free edge (20) being nevertheless larger than the diameter of the bottom of this annular concavity (21). <IMAGE>

IPC 1-7

**B65D 8/04**; **B65D 45/30**; **B65D 53/02**

IPC 8 full level

**B65D 43/02** (2006.01); **B65D 45/30** (2006.01); **B65D 45/32** (2006.01)

CPC (source: EP)

**B65D 7/045** (2013.01); **B65D 43/0218** (2013.01); **B65D 45/32** (2013.01); **B65D 2543/00092** (2013.01); **B65D 2543/00277** (2013.01); **B65D 2543/00509** (2013.01); **B65D 2543/00537** (2013.01); **B65D 2543/00555** (2013.01); **B65D 2543/00972** (2013.01)

Citation (search report)

- [Y] DE 8616478 U1 19860731
- [Y] US 2966378 A 19601227 - CARPENTER HERBERT L, et al
- [A] GB 1275949 A 19720601 - HOECHST AG [DE]
- [A] US 2035714 A 19360331 - MEYER PAUL H, et al
- [A] FR 1281649 A 19620112 - METAL CONTAINERS LTD
- [A] EP 0362184 A1 19900404 - BLAGDEN IND PLC [GB]
- [A] FR 1579365 A 19690822
- [A] FR 1565966 A 19690502
- [A] FR 1085337 A 19550131 - STEBLER SANER

Cited by

EP0690001A1; CN105314224A; CN1077537C; BE1007765A5

Designated contracting state (EPC)

BE DE ES FR GB NL

DOCDB simple family (publication)

**EP 0509978 A1 19921021**; **EP 0509978 B1 19940525**; BE 1003799 A5 19920616; DE 69200144 D1 19940630; DE 69200144 T2 19950105; ES 2055640 T3 19940816

DOCDB simple family (application)

**EP 92870061 A 19920417**; BE 9100365 A 19910419; DE 69200144 T 19920417; ES 92870061 T 19920417