

Title (en)
Wrapper as well as method and device for the production of such a wrapper

Title (de)
Gebinde sowie Verfahren und Vorrichtung zum Herstellen eines Gebindes

Title (fr)
Emballage ainsi que son procédé et l'appareil de fabrication

Publication
EP 1810932 A1 20070725 (DE)

Application
EP 06025281 A 20061207

Priority
DE 102006003338 A 20060123

Abstract (en)
The cask has two bottle-like containers (1) arranged on a carrier (5) with container bases (2) that are concave at container outer sides and secured on the carrier through a shrunk-on shrink film. A carrier opening (9) is provided in the carrier in an area of the container, such that the container arranged at the opening rises with its base at a carrier area surrounding the opening. The container of a lower cask with its upper container area (3) is extended into a free space formed by the base of the container through the carrier opening. Independent claims are also included for the following: (1) a method for manufacturing a cask (2) a device for manufacturing a cask.

Abstract (de)
Die Erfindung bezieht sich ein Gebinde bestehend aus wenigstens zwei flaschenartigen Behältern, die mit einem an der Behälteraußenseite konkaven Behälterboden auf einen Träger aufstehend angeordnet und auf diesem Träger durch eine aufgeschrumpfte Schrumpffolie gesichert sind.

IPC 8 full level
B65D 71/00 (2006.01); **B65B 21/24** (2006.01)

CPC (source: EP US)
B65B 21/245 (2013.01 - EP US); **B65D 71/066** (2013.01 - EP US); **B65D 71/70** (2013.01 - EP US); **B65B 61/02** (2013.01 - EP US)

Citation (search report)

- [YA] US 3650394 A 19720321 - CAZENOVE DE
- [Y] EP 1344721 A1 20030917 - CARTONPLAST TRADING GMBH [DE]
- [A] FR 2297782 A1 19760813 - GIRAUDET EMBALLAGES [FR]
- [A] WO 9959873 A1 19991125 - DELKOR SYSTEMS INC [US]
- [A] DE 29603307 U1 19960530 - PERSTORP AB [SE]

Cited by
WO2009130071A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1810932 A1 20070725; **EP 1810932 B1 20090930**; AT E444241 T1 20091015; CN 101007583 A 20070801; DE 102006003338 A1 20070726; DE 502006004969 D1 20091112; PL 1810932 T3 20100331; US 2007169433 A1 20070726; US 7574843 B2 20090818

DOCDB simple family (application)
EP 06025281 A 20061207; AT 06025281 T 20061207; CN 200710004044 A 20070123; DE 102006003338 A 20060123; DE 502006004969 T 20061207; PL 06025281 T 20061207; US 62564607 A 20070122