

Title (en)

PACKAGE FOR FLUID MATERIALS AND PACKING ASSEMBLY

Title (de)

VERPACKUNG FÜR FLÜSSIGE MATERIALIEN UND VERPACKUNGSANORDNUNG

Title (fr)

EMBALLAGE POUR MATÉRIAUX DE FLUIDE ET ENSEMBLE EMBALLAGE

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Application

EP 22166656 A 20220405

Priority

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- FI 20215980 A 20210916

Abstract (en)

The invention relates to a package (100; 200; 300; 400) for fluid material comprising: a bottle (120; 220; 320; 420) for receiving the material, the bottle (120; 220; 320; 420) having a central axis (X), a convex-shaped bottom end portion (120a; 220a; 320a; 420a), an upper end portion (120c; 220c; 320c; 420c) with an opening (121; 221; 321; 421), and a central portion (120b; 220b; 320b; 420b) between the bottom end portion (120a; 220a; 320a; 420a) and the upper end portion (120c; 220c; 320c; 420c); a tubular shell (130; 230; 330; 430) around the lower end portion (120a; 220a; 320a; 420a) and at least part of the central portion (120b; 220b; 320b; 420b) of the bottle (120; 220; 320; 420), the shell (130; 230; 330; 430) having an upper end (130b; 230b; 330b; 430b) which is open and through which open end the bottle (120; 220; 320; 420) extends upwardly out of the shell (130; 230; 330; 430); and a cap (140; 240; 340; 440) for the opening (121; 221; 321; 421), characterized in that a lower end (130a; 230a; 330a; 430a) of the shell (130; 230; 330; 430) extends downwardly past the bottom end (122; 222; 322; 422) of the bottle (120; 220; 320; 420). The invention also relates to a packing assembly (1100; 1200; 1300; 1400; 1500; 1600) comprising a plurality of the aforementioned packages (100; 200; 300; 400).

IPC 8 full level

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Citation (applicant)

- GB 1261248 A 19720126 - OWENS ILLINOIS INC [US]
- FR 2013654 A1 19700403 - BOSCH
- GB 1537179 A 19781229 - CARNAUD TOTAL INTERPLASTIC
- US 2014061150 A1 20140306 - PARK JONG SOO [KR]
- FR 1441098 A 19660603 - TEPAR AG
- US 4342399 A 19820803 - STIRLING ROBERT F
- US 5462180 A 19951031 - BRIGHT STEPHEN A [US]

Citation (search report)

- [XDYI] GB 1537179 A 19781229 - CARNAUD TOTAL INTERPLASTIC
- [YD] GB 1261248 A 19720126 - OWENS ILLINOIS INC [US]
- [A] US 2019389626 A1 20191226 - BUTCHER GREGORY H [US]
- [AD] DE 1761942 A1 19711223 - BOSCH GMBH ROBERT, et al
- [A] US 3355080 A 19671128 - RUBEN RAUSING ANDERS, et al

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