

Title (en)
SPOUT, SPOUT AND CAP ASSEMBLY, AND PACKAGING BAG WITH SPOUT

Title (de)
AUSGIESSER, AUSGIESSER UND KAPPENANORDNUNG UND VERPACKUNGSBEUTEL MIT AUSGIESSER

Title (fr)
BEC VERSEUR, BEC VERSEUR ET ENSEMBLE CAPUCHON, ET SAC D'EMBALLAGE À BEC VERSEUR

Publication
EP 4371899 A1 20240522 (EN)

Application
EP 22841819 A 20220530

Priority
• JP 2021117121 A 20210715
• JP 2022021857 W 20220530

Abstract (en)
A spout (14) is put between and attached to a pair of plane parts (20A and 20B) comprising front and rear surfaces forming a bag body (12). The spout (14) comprises: a tube part (30) to which a cap (16) having a tamper-proof ring 24 is attached on its topside; and a first flange (32A) and a second flange (32B) provided on an outer peripheral surface of the tube part (30) on the side of its base end. The outer diameter (A_{D}) of the first flange (32A), which is the topmost, is equal to or larger than the outer diameter (C_{D}) of the tamper-proof ring (24) in a front-rear direction of the bag body (12). This causes the first flange (32A) to cover the whole lower part of the the tamper-proof ring (24).

IPC 8 full level
B65D 33/38 (2006.01)

CPC (source: EP)
B65D 41/3409 (2013.01); **B65D 75/5883** (2013.01); **B65D 2575/583** (2013.01); **B65D 2575/586** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4371899 A1 20240522; AU 2022310338 A1 20240201; CN 117693477 A 20240312; JP 2023013153 A 20230126;
WO 2023286472 A1 20230119

DOCDB simple family (application)
EP 22841819 A 20220530; AU 2022310338 A 20220530; CN 202280050038 A 20220530; JP 2021117121 A 20210715;
JP 2022021857 W 20220530