

Title (en)
MACHINE AND METHOD FOR SEALING THE MOUTH OF A BOTTLE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM ABDICHTEN EINES FLASCHENHALSES

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR OBTURER LE GOULOT D'UNE BOUTEILLE

Publication
EP 3733587 C0 20231025 (EN)

Application
EP 20167976 A 20200403

Priority
IT 201900005294 A 20190405

Abstract (en)
[origin: EP3733587A1] Method for sealing the mouth of at least one bottle (2) by creating a capsule of sealing material around at least the neck (20) of the bottle (2), comprising the following steps:a) rotation or rototranslation of the bottle (2) around a horizontal axis (R) from an initial position to an immersion position, in which immersion position the bottle (2) has the neck (20) facing downwards and immersed at least partially in a bath of said sealing material in a molten state;b) rototranslation of the bottle (2) up to a first dripping position, in which first dripping position the bottle (2) is completely extracted from the sealing material bath and has the neck (20) facing downwards and has its longitudinal axis inclined compared to a vertical plane;c) rotation or rototranslation of the bottle (2) in a second dripping position, in which second dripping position the bottle (2) is completely extracted from the bath of sealing material and has the neck (20) facing downwards and has its longitudinal axis inclined with respect to said vertical plane in opposite direction with respect to said first dripping position;d) rotation or rototranslation of the bottle (2) to a final position.

IPC 8 full level
B67B 5/05 (2006.01)

CPC (source: EP)
B67B 5/05 (2013.01)

Cited by
CN115028124A

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

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
EP 3733587 A1 20201104; EP 3733587 B1 20231025; EP 3733587 C0 20231025; IT 201900005294 A1 20201005

DOCDB simple family (application)
EP 20167976 A 20200403; IT 201900005294 A 20190405