

Title (en)
SELF-OPENING CLOSURE FOR COMPOSITE PACKAGINGS OR FOR CONTAINER OR BOTTLE NOZZLES FOR SEALING WITH FILM MATERIAL

Title (de)
SELBSTÖFFNER-VERSCHLUSS FÜR VERBUNDPACKUNGEN ODER FÜR MIT FOLIENMATERIAL ZU VERSCHLIESSENDE BEHÄLTER- ODER FLASCHENSTUTZEN

Title (fr)
FERMETURE AUTO-OUVRANTE POUR DES EMBALLAGES COMPOSITES OU POUR DES TUBULURES DE CONTENANT OU DE BOUTEILLE A FERMER A L'AIDE D'UN MATERIAU PELLICULAIRE

Publication
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Application
EP 03727123 A 20030617

Priority
• CH 0300392 W 20030617
• CH 10512002 A 20020620
• CH 14362002 A 20020821
• CH 4972003 A 20030324

Abstract (en)
[origin: WO2004000667A1] The self-opening closure comprises a pouring nozzle (2) which may be mounted on a composite packaging or a container or bottle nozzle for sealing or already sealed with film material, a corresponding twist cap (1) and a self-opener sleeve (3), arranged within the pouring nozzle (2) which may be made to rotate by the twist cap (1). Force transfer means and guide means are moulded on said three elements, which cooperate such that on first rotating the twist cap (1) in the opening direction, the self-opening sleeve (3) is vertically pushed downwards in the pouring nozzle (2) and then rotated in the horizontal direction through about 360 DEG . As the self-opening sleeve (3) is provided on the lower edge thereof with a combined piercing and cutting body (9) which protrudes therefrom, the film or the packaging is firstly reliably punctured and then a disc is cleanly cut from the same and then folded downwards.

IPC 8 full level
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CPC (source: EP KR US)
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EP2055640A1; EP3943408A1; WO2022017662A1; EA013494B1; NO346542B1; WO2007085106A1; WO2009060005A3; US10676261B2; US11718457B2; US8714380B2; US9623996B2; EP2287082A1; WO2011020634A1; US9487324B2; US10384825B2

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