

Title (en)
Two-component package.

Title (de)
Zweikomponentenverpackung.

Title (fr)
Conditionnement à double contenance.

Publication
EP 0101594 A2 19840229 (DE)

Application
EP 83107772 A 19830806

Priority
DE 3230357 A 19820814

Abstract (en)
1. Two-component package consisting of a one-part based container (2) receiving the main component and a one-part head container (3), which receives the additive component and is placed on the base container, wherein the base container is elastically deformable in direction towards the boundary wall (7), with an applicator tip as well as a punching tool which serves to pierce the boundary wall (7) - constructed as separating foil - of the containers each against the other, reaches as far as the proximity of the separating foil and is in the shape of a blade which is matched to the cross-section of the container, yet constructed to be slightly smaller than this and onto which stays are shaped, which are arranged in the manner of a basket and extend as far as the proximity of the wall of the container, enclosing the blade, characterised thereby, that the sharpened stays (24), which are arranged in the manner of a basket, are arranged in the upper third of the punching tool, while forming a constriction of the latter to about half its diameter, that the connection of the punching tool with the indentable base (22) of the container (2) is produced by means of a support element (23), which is shaped concentrically onto the punching tool and constructed to be slightly conical, and that the punching blade consists of three cutting elements (12 a, b, c) each running out to a point and being arranged regularly distributed over the circumference of the punching tool.

Abstract (de)
Zweikomponentenverpackung, bestehend aus einem die Hauptkomponente aufnehmenden, einteiligen Bodenbehälter und einem die Zusatzkomponente aufnehmenden, einteiligen Kopfbehälter, der auf den Bodenbehälter aufgesetzt ist und wobei der Bodenbehälter in Richtung auf die Begrenzungswand elastisch deformierbar ist, mit einer Applikationsspitze sowie einem dem Durchstoßen der als Trennfolie ausgebildeten Begrenzungswand der Behälter gegeneinander dienenden und bis in die Nähe der Trennfolie reichenden Stanzwerkzeug. Das Stanzwerkzeug ist in Form eines Messers ausgebildet, welches dem Querschnitt des Behälters angepaßt ist. An dem Messer sind korbartig angeordnete Streben angeformt.

IPC 1-7
B65D 81/32

IPC 8 full level
B65D 25/08 (2006.01); **B65D 81/32** (2006.01)

CPC (source: EP)
B65D 81/3211 (2013.01)

Cited by
EP0291724A1; US5769215A; EP0417998A1; FR2658487A1; EP0230195A1; FR2592861A1; EP1553026A1; FR2864945A1; EP0810164A1; US5957335A; EP0673847A1; FR2590235A1; EP0694483A1; FR2722765A1; US5692644A; US8430137B2; US6290100B1; US8302816B2; WO8809297A1; WO9530588A1; WO9709242A1; WO2006062418A1; US8261943B2; US8528784B2; US8157131B2; US8267281B2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0101594 A2 19840229; EP 0101594 A3 19850508; EP 0101594 B1 19861001; AT E22548 T1 19861015; DE 3230357 A1 19840216; DE 3230357 C2 19890202; DE 3366605 D1 19861106; ES 273981 U 19831216; ES 273981 Y 19840701; JP S5926740 U 19840218

DOCDB simple family (application)
EP 83107772 A 19830806; AT 83107772 T 19830806; DE 3230357 A 19820814; DE 3366605 T 19830806; ES 273981 U 19830812; JP 15911282 U 19821022