

Title (en)
CONTAINER CUTTING DEVICE

Title (de)
BEHÄLTERSCHNEIDEVORRICHTUNG

Title (fr)
DISPOSITIF DE DÉCOUPE DE RÉCIPIENT

Publication
EP 3566835 A1 20191113 (EN)

Application
EP 19000207 A 20190430

Priority
ES 201830443 A 20180507

Abstract (en)
The invention relates to a container cutting device; comprising a die plate (1) and a punch holder plate (2) carrying punches (3) and movable between an inoperative position die plate (1) and an operative position in which the punches penetrate housings of the die plate (1) making cuts in the containers. The punches (3) are interchangeable and comprise an active tip (31) in the form of a small plate, with an integrated centring body (32), with a non-circular cross section; housed in a tight manner, and fixed by means of a removable clamping element in a cavity (21) of the punch holder plate (2). The active tip (31) is supported with its rear surface against the punch holder plate (2) and projects from said punch holder plate by a measurement less than 10 millimetres, to prevent the bending or lateral deviation thereof during cutting.

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B26F 2001/4463 (2013.01 - EP)

Citation (search report)
• [A] DE 4304951 A1 19940825 - WACHSMUTH & CO WERKZEUGBAU [DE]
• [A] US 1070887 A 19130819 - HARTOG STEPHEN D [US]
• [A] FR 2661341 A2 19911031 - PIGNON GUY
• [A] FR 2443386 A1 19800704 - APPLIC PLASTIQUE MEC ELEC [FR]

Cited by
CN114043573A

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

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