

Title (en)  
CONTAINER CUTTING DEVICE

Title (de)  
BEHÄLTERSCHNEIDEVORRICHTUNG

Title (fr)  
DISPOSITIF DE DÉCOUPE DE RÉCIPIENT

Publication  
**EP 3566835 B1 20200805 (EN)**

Application  
**EP 19000207 A 20190430**

Priority  
ES 201830443 A 20180507

Abstract (en)  
[origin: EP3566835A1] 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.

IPC 8 full level  
**B26F 1/44** (2006.01)

CPC (source: EP ES)  
**B26F 1/40** (2013.01 - ES); **B26F 1/44** (2013.01 - EP ES); **B65B 61/065** (2013.01 - ES); **B26D 2007/2607** (2013.01 - EP);  
**B26F 2001/4463** (2013.01 - EP)

Citation (opposition)  
Opponent : Synerlink  
• DE 4304951 A1 19940825 - WACHSMUTH & CO WERKZEUGBAU [DE]  
• US 1070887 A 19130819 - HARTOG STEPHEN D [US]  
• FR 2661341 A2 19911031 - PIGNON GUY  
• FR 2443386 A1 19800704 - APPLIC PLASTIQUE MEC ELEC [FR]  
• EP 2255901 A1 20101201 - CIP CT FUER INNOVATIVE PRODUKT [DE]  
• DE 19521604 C1 19970417 - WACHSMUTH & CO WERKZEUGBAU [DE]  
• FR 3022818 A1 20160101 - SOGAMECA SAS [FR]  
• "METHOD FOR ROCKWELL HARDNESS TEST FOR METALLIC MATERIAL (SCALES A-B-C-D-E-F-G-H-K15N, SON, 45N, 1ST, SOT AND 45T", INDIAN STANDARD IS 1586 (2000), 2010, XP055807403

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

DOCDB simple family (publication)  
**EP 3566835 A1 20191113**; **EP 3566835 B1 20200805**; DK 3566835 T3 20201026; ES 2730120 A1 20191108; ES 2730120 B2 20210628; ES 2826890 T3 20210519; PL 3566835 T3 20210111

DOCDB simple family (application)  
**EP 19000207 A 20190430**; DK 19000207 T 20190430; ES 19000207 T 20190430; ES 201830443 A 20180507; PL 19000207 T 20190430