

Title (en)

Scoring element for rotative scoring of products

Title (de)

Rillelement zum rotativen Rillen von Gegenständen

Title (fr)

Élément de rainurage pour rainurer rotativement des produits

Publication

EP 1574323 B1 20110608 (DE)

Application

EP 05101277 A 20050221

Priority

DE 102004011621 A 20040310

Abstract (en)

[origin: EP1574323A1] The grooving part (10), shaped as a ring segment, has an indentation (18) around its periphery and radial flexible side walls (19). The side walls of the indentation are round on their upper edge and made of plastic. The base of the indentation is made of a fixed core (12) and its side walls are formed by grooved lips (14) attached to the core, which bend in the direction indicated (31). The grooves are made in the object (1) when the grooving part is pushed against the tool (20) bending the lips apart.

IPC 8 full level

B31F 1/10 (2006.01); **B26D 7/20** (2006.01); **B31B 50/25** (2017.01); **B42C 1/12** (2006.01); **B65H 45/30** (2006.01)

CPC (source: EP)

B31F 1/10 (2013.01); **B31B 50/254** (2017.07)

Cited by

DE102012013757A1; AT503048B1; CN102267143A; JP2017522240A; EP2689924A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1574323 A1 20050914; EP 1574323 B1 20110608; AT E511985 T1 20110615; DE 102004011621 A1 20050929

DOCDB simple family (application)

EP 05101277 A 20050221; AT 05101277 T 20050221; DE 102004011621 A 20040310