

Title (en)
MACHINE FOR CUTTING AND/OR CREASING A RELATIVELY RIGID MATERIAL, SUCH AS FOR EXAMPLE CARDBOARD, AND RELATIVE CUTTING AND/OR CREASING METHOD

Title (de)
MASCHINE ZUM SCHNEIDEN UND/ODER BÖRDELN EINES RELATIV STARREN MATERIALS, ETWA KARTON, UND ZUGEHÖRIGES SCHNEID- UND/ODER BÖRDELVERFAHREN

Title (fr)
MACHINE POUR DÉCOUPER ET/OU RAINER UN MATÉRIAU RELATIVEMENT RIGIDE, TEL QUE DU CARTON PAR EXEMPLE, ET PROCÉDÉ DE COUPE ET/OU DE RAINAGE RELATIF ASSOCIÉ

Publication
EP 2432635 B1 20160720 (EN)

Application
EP 10727841 A 20100520

Priority
• IB 2010001207 W 20100520
• IT UD20090100 A 20090522

Abstract (en)
[origin: WO2010133958A1] A machine (10) for cutting and/or creasing a sheet (11) of relatively rigid material comprises movement means (17, 18) able to move the sheet (11) at least in a defined direction of advance, and cutting and/or creasing means (16) movable in a direction substantially transverse to the first direction of advance, and able to carry out on the sheet (11) at least a first working of cutting and/or creasing. The machine (10) also comprises a command and control unit (30), operatively connected to the cutting and/or creasing means (16), and able to selectively activate and/or move them according to a pre-loaded work program. The machine (10) comprises motion reversal means, kinematically connected to the movement means (17, 18), and means to rotate the sheet (11) by a desired angle before imparting to it a reverse motion. The command and control unit (30) is able to selectively activate and move the cutting and/or creasing means (16) according to the actual direction of advance determined by the reversal means, in order to carry out on the sheet (11) also a second working, subsequent to the first working, on the basis of the work program.

IPC 8 full level
B31B 50/20 (2017.01); **B26D 1/18** (2006.01); **B26D 7/01** (2006.01); **B31B 50/25** (2017.01); **B31F 1/10** (2006.01); **B26D 5/32** (2006.01)

CPC (source: EP)
B26D 7/015 (2013.01); **B31F 1/10** (2013.01); **B26D 1/185** (2013.01); **B26D 5/32** (2013.01); **B26D 7/06** (2013.01); **B26D 2007/005** (2013.01); **B31B 50/20** (2017.07); **B31B 50/256** (2017.07)

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010133958 A1 20101125; CN 102458817 A 20120516; CN 102458817 B 20140319; EP 2432635 A1 20120328; EP 2432635 B1 20160720; ES 2599127 T3 20170131; IT 1394810 B1 20120713; IT UD20090100 A1 20101123; PL 2432635 T3 20170331; PT 2432635 T 20161025

DOCDB simple family (application)
IB 2010001207 W 20100520; CN 201080027002 A 20100520; EP 10727841 A 20100520; ES 10727841 T 20100520; IT UD20090100 A 20090522; PL 10727841 T 20100520; PT 10727841 T 20100520