

Title (en)

SUPPLY DEVICE FOR A MACHINE FOR TRANSVERSELY CUTTING AT LEAST ONE STRIP OF FLEXIBLE MATERIAL

Title (de)

ZUFÜHRVORRICHTUNG FÜR EINE MASCHINE ZUM QUERSCHNEIDEN VON MINDESTENS EINEM STREIFEN AUS FLEXIBLEM MATERIAL

Title (fr)

DISPOSITIF D'ALIMENTATION D'UNE MACHINE DE COUPE TRANSVERSALE D'AU MOINS UNE BANDE DE MATERIAU SOUPLE

Publication

EP 2571796 A1 20130327 (FR)

Application

EP 11723493 A 20110428

Priority

- FR 1053787 A 20100517
- FR 2011000260 W 20110428

Abstract (en)

[origin: WO2011144822A1] The invention relates to a supply device (10) for a machine for transversely cutting two strips (11 and 12) of a flexible material, in particular a strip of paper, moving continuously, to produce separate stacks of documents cut transversely according to predetermined formats. The device comprises a lower driving means (13) and an upper driving means (14) associated with the two strips (11 and 12) of flexible material, respectively, which each include a first roller (13a and 14a) which is mechanically rotated and a second bearing roller (13b and 14b) which is freely rotatable about the axis thereof. To produce stacks that are shifted sideways with respect to each other, so that said stacks can be identified, the driving means are mounted on a frame (15) supported by a movable platform (16) which is rigidly connected to a linear actuator (17) arranged to be moved transversely with respect to the direction of movement of the strips (11 and 12). Optical reading cells (11a, 11b, 12a, 12b) define the operating modes of the driving servomotors (13b and 14b) and the linear actuator (17).

IPC 8 full level

B65H 35/04 (2006.01); **B65H 23/02** (2006.01); **B65H 23/038** (2006.01); **B65H 39/16** (2006.01)

CPC (source: EP US)

B65H 20/02 (2013.01 - EP US); **B65H 35/04** (2013.01 - EP US); **B65H 2301/4219** (2013.01 - EP US); **B65H 2404/1424** (2013.01 - EP US); **B65H 2701/1864** (2013.01 - EP US)

Citation (search report)

See references of WO 2011144822A1

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)

FR 2959990 A1 20111118; **FR 2959990 B1 20120608**; EP 2571796 A1 20130327; EP 2571796 B1 20150812; ES 2552702 T3 20151201; US 2013062389 A1 20130314; US 8944427 B2 20150203; WO 2011144822 A1 20111124

DOCDB simple family (application)

FR 1053787 A 20100517; EP 11723493 A 20110428; ES 11723493 T 20110428; FR 2011000260 W 20110428; US 201113697168 A 20110428