

Title (en)

METHOD AND MEANS FOR UNROLLING PERFORATED MULTIPLE ROLLS

Title (de)

VERFAHREN UND MITTEL ZUM ABROLLEN VON PERFORIERTEN MEHRFACHROLLEN

Title (fr)

PROCEDE ET MOYEN POUR DEROULER DE MULTIPLES ROULEAUX PERFORES

Publication

**EP 1638875 B1 20071017 (EN)**

Application

**EP 04736893 A 20040615**

Priority

- SE 2004000941 W 20040615
- SE 0301723 A 20030624

Abstract (en)

[origin: WO2004113210A1] The invention concerns means for unrolling at least one narrow web (3) of material at a time from perforated multiple rolls (2) having webs of material consisting of preferably dryformed paper. The means include a locking disc (5) rotatably supported by a frame (4) and from the center of which a shaft (6) for carrying the relevant multiple roll (2) extends outwardly, said locking disc (5) having a plurality of apertures (7) disposed in its surface and being connected to a source (8) of vacuum over a connection (9) for causing the multiple roll (2) to adhere thereto by means of vacuum for affixing the multiple roll (2) in position during the unrolling concurrently with respective webs (3) of material included in the roll (2) being detachable along perforations (10) limiting the widths of said webs of material, and at least one mechanical support member (11) for being applied in the direction of the shaft (6) and being positioned at an adjustable predetermined distance from the locking disc (5), said distance corresponding to the width of at least one web (3) of material in the direction of the exterior (19) of one or a plurality of remaining webs of material for preventing collapse of tilting of the web (3) of material or webs of material remaining on the shaft (6) during the unrolling.

IPC 8 full level

**B65H 16/02** (2006.01); **B65H 18/02** (2006.01)

CPC (source: EP US)

**B65H 16/021** (2013.01 - EP US); **B65H 2301/41398** (2013.01 - EP)

Cited by

CN104210869A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2004113210 A1 20041229**; AT E375953 T1 20071115; DE 602004009576 D1 20071129; DE 602004009576 T2 20080724; EP 1638875 A1 20060329; EP 1638875 B1 20071017; ES 2293266 T3 20080316; HK 1093955 A1 20070316; PL 1638875 T3 20080229; SE 0301723 D0 20030624; SE 0301723 L 20041225; SE 525361 C2 20050208

DOCDB simple family (application)

**SE 2004000941 W 20040615**; AT 04736893 T 20040615; DE 602004009576 T 20040615; EP 04736893 A 20040615; ES 04736893 T 20040615; HK 06110892 A 20060929; PL 04736893 T 20040615; SE 0301723 A 20030624