

Title (en)

METHOD AND DEVICE FOR PRODUCING REELS CONSISTING OF A LARGE NUMBER OF FLAT OBJECTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON WICKELN AUS EINER GROSSEN ZAHL FLÄCHIGER GEGENSTÄNDE

Title (fr)

PROCEDE ET DISPOSITIF POUR FORMER DES ROULEAUX CONSTITUES D'UN GRAND NOMBRE D'OBJETS PLATS

Publication

EP 1252083 A1 20021030 (DE)

Application

EP 01900069 A 20010112

Priority

- CH 0100022 W 20010112
- CH 2292000 A 20000204

Abstract (en)

[origin: WO0156910A1] The invention relates to a method and to a device for producing reels consisting of a large number of flat objects. The aim of the invention is to improve the quality of reels (4) that are produced by winding a large number of flat objects (2) around a reel core (1) by means of a reeling tape (5). To this end, a local, additional pressure force is exerted on the periphery of the forming reel (4). The inventive device, in addition to means for retaining a reel core (1), means for feeding the objects (2) to a reel point (3) on the periphery of the reel core (1) or the forming reel (4), means for feeding the tensioned reel tape (5) likewise to the reel point (3) and a drive for producing a rotating motion of the reel core (1) or the forming reel (4), is provided with at least one means (6) for generating the additional pressure force. The means (6) is for example provided with a press roll (20), a press lever (21) and a press drive (22) and is advantageously disposed in such a manner that the press range in the direction of reeling lies 15 to 60 DEG behind the reel point (3).

IPC 1-7

B65H 29/00

IPC 8 full level

B65H 29/00 (2006.01)

CPC (source: EP US)

B65H 29/006 (2013.01 - EP US); **B65H 2301/41922** (2013.01 - EP US); **B65H 2701/1932** (2013.01 - EP US); **Y10T 29/4981** (2015.01 - EP US)

Citation (search report)

See references of WO 0156910A1

Cited by

EP2465699A2; US8765246B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0156910 A1 20010809; AT E248117 T1 20030915; AU 2338501 A 20010814; AU 773672 B2 20040603; CA 2398645 A1 20010809; CA 2398645 C 20081007; DE 50100553 D1 20031002; DK 1252083 T3 20031124; EP 1252083 A1 20021030; EP 1252083 B1 20030827; ES 2204825 T3 20040501; US 2003024096 A1 20030206; US 6719235 B2 20040413

DOCDB simple family (application)

CH 0100022 W 20010112; AT 01900069 T 20010112; AU 2338501 A 20010112; CA 2398645 A 20010112; DE 50100553 T 20010112; DK 01900069 T 20010112; EP 01900069 A 20010112; ES 01900069 T 20010112; US 18289002 A 20020801