

Title (en)

METHOD AND DEVICE FOR APPLYING A PRESSURE ROLLER TO A GOODS GUIDING ROLLER

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ANLEGEN EINER ANPRESSSWALZE AN EINE WARENFÜHRUNGSWALZE

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE DEPLACER UN CYLINDRE DE PRESSION ENTRAINE EN ROTATION CONTRE UN CYLINDRE DE GUIDAGE DE MATERIAU

Publication

EP 1843960 B1 20110706 (DE)

Application

EP 06705840 A 20060123

Priority

- DE 2006000103 W 20060123
- DE 102005004814 A 20050201

Abstract (en)

[origin: WO2006081792A1] The invention relates to a method and a device for applying a rotatably driven pressure roller (4) to a rotatably driven goods guiding roller (3), especially in a stretching installation for thermoplastic films. According to said method, the pressure roller (4) is advanced in the direction of the goods guiding roller (3) by means of at least one first piston cylinder unit (7) subjected to pressure, in such a way that, following the advancement, an axially parallel stroke remains to be carried out between the pressure roller (4) and the goods guiding roller (3). At least one second piston cylinder unit (8) which is subjected to pressure and is actively connected to the first piston cylinder unit (7) performs the remaining stroke, maintaining the axial parallelism, until contact is established between the pressure roller (4) and the goods guiding roller (3). The pressure cylinder (4) then exerts a nominal contact force on the goods guiding cylinder (3).

IPC 8 full level

B65H 20/02 (2006.01)

CPC (source: EP KR US)

B65H 20/02 (2013.01 - EP KR US); **B65H 2404/144** (2013.01 - EP US)

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006081792 A1 20060810; AT E515468 T1 20110715; CN 101111440 A 20080123; CN 101111440 B 20100526; DE 102005004814 A1 20060817; DE 102005004814 B4 20140213; EP 1843960 A1 20071017; EP 1843960 B1 20110706; JP 2008528407 A 20080731; JP 4680269 B2 20110511; KR 100939903 B1 20100203; KR 20070100815 A 20071011; US 2008149680 A1 20080626; US 7731070 B2 20100608

DOCDB simple family (application)

DE 2006000103 W 20060123; AT 06705840 T 20060123; CN 200680003771 A 20060123; DE 102005004814 A 20050201; EP 06705840 A 20060123; JP 2007553451 A 20060123; KR 20077019367 A 20060123; US 88345306 A 20060123