Title (en)

Belt drive for a machine processing flat printed materials

Title (de)

Riementrieb für eine flächige Bedruckstoffe verarbeitende Maschine

Title (fr)

Entraînement par courroie pour une machine de traitement de matériaux imprimés plats

Publication

EP 1132324 B1 20050525 (DE)

Application

EP 01102892 A 20010215

Priority

DE 20004213 U 20000307

Abstract (en)

[origin: US2001050011A1] A belt drive for a machine for processing flat printing materials includes an endless belt revolving during operation, a roller about which the belt is partially looped, a frame with respect to which the roller is adjustable between a working position, wherein the roller keeps the belt tensioned, and a position moved away from the working position, wherein the belt is untensioned, and a spring device for biasing the roller into the working position thereof. Also included are a double crank by which the roller is articulated with the frame, and a stop which, due to a change in position of the double crank from a position corresponding to the working position of the roller into a position corresponding to the moved-away position of the roller, is carried out to a given extent beyond a dead-center position of the double crank, prevents a change in position beyond the given extent; and a machine for processing flat printing materials, which includes the belt drive.

IPC 1-7

B65H 29/68

IPC 8 full level

B65H 29/18 (2006.01); **B65H 29/04** (2006.01); **B65H 29/68** (2006.01)

CPC (source: EP US)

B65H 29/68 (2013.01 - EP US); B65H 2403/514 (2013.01 - EP US); B65H 2404/255 (2013.01 - EP US); B65H 2406/32 (2013.01 - EP US); B65H 2601/324 (2013.01 - EP US)

Cited by

DE102006025798B3

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)

US 2001050011 A1 20011213; **US 6354203 B2 20020312**; AT E296255 T1 20050615; DE 20004213 U1 20000504; DE 50106285 D1 20050630; EP 1132324 A2 20010912; EP 1132324 A3 20031001; EP 1132324 B1 20050525; JP 2001270641 A 20011002

DOCDB simple family (application)

US 80121101 A 20010307; AT 01102892 T 20010215; DE 20004213 U 20000307; DE 50106285 T 20010215; EP 01102892 A 20010215; JP 2001061037 A 20010306