

Title (en)

Device for deflecting belts for the transport of flat material

Title (de)

Einrichtung zur Umlenkung von Riemen zum Transport flächigen Materials

Title (fr)

Dispositif de déviation de courroies pour le transport de matériaux plats

Publication

EP 1170239 A3 20030115 (DE)

Application

EP 01109209 A 20010414

Priority

DE 10023151 A 20000512

Abstract (en)

[origin: DE10023151A1] The belt system for transport and/or turning of sheet material comprises belt direction changing pulleys (11) with a cutout (22) which is bounded by surfaces (16) of which one is electrically conductive, while the flanks of the cutout contain or are made of materials with a low coefficient of friction. Also claimed are a turning unit for sheet material, a sheet processing machine, and a digital printing machine incorporating such belt transport systems.

IPC 1-7

B65H 15/00

IPC 8 full level

B65H 15/00 (2006.01)

CPC (source: EP US)

B65H 15/012 (2020.08 - EP US); **B65H 2301/33212** (2013.01 - EP US); **B65H 2301/33224** (2013.01 - EP US);
B65H 2301/5321 (2013.01 - EP US); **B65H 2401/21** (2013.01 - EP US); **B65H 2404/223** (2013.01 - EP US); **B65H 2404/261** (2013.01 - EP US)

Citation (search report)

- [A] US 4690268 A 19870901 - UESHIN AKITO [JP]
- [A] US 3729189 A 19730424 - WATSON D
- [A] DATABASE WPI Section Ch Week 199015, Derwent World Patents Index; Class A23, AN 1990-113391, XP002221624
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 04 30 April 1999 (1999-04-30)

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)

DE 10023151 A1 20011115; EP 1170239 A2 20020109; EP 1170239 A3 20030115; US 2003034234 A1 20030220

DOCDB simple family (application)

DE 10023151 A 20000512; EP 01109209 A 20010414; US 85060201 A 20010507