

Title (en)  
Transfer device

Title (de)  
Transfervorrichtung

Title (fr)  
Dispositif de transfert

Publication  
**EP 2161130 A3 20110413 (DE)**

Application  
**EP 09010151 A 20090806**

Priority  
DE 102008045682 A 20080904

Abstract (en)  
[origin: EP2161130A2] The device (1) has a transfer unit (12) comprising a film transfer cylinder (21) and a counter pressure cylinder (22). A film winder (24) winds a transfer film (4) on a film collecting reel (27), and two film guiding devices (31, 32) are arranged at both sides of a transfer gap in a film web of the film. The film guiding devices comprise driven rollers (34, 37), and the transfer film is guided by the driven roller. One of the guiding devices is arranged in the film web between a film supply reel (25) and the gap. Another guiding device is arranged in the web between the gap and the winder.

IPC 8 full level  
**B41F 16/00** (2006.01); **B41F 19/00** (2006.01); **B41F 19/02** (2006.01); **B65H 23/025** (2006.01); **B65H 23/188** (2006.01); **B65H 23/192** (2006.01)

CPC (source: EP)  
**B41F 16/00** (2013.01); **B41F 19/00** (2013.01); **B41P 2219/22** (2013.01)

Citation (search report)

- [YD] EP 1815982 A2 20070808 - ROLAND MAN DRUCKMASCH [DE]
- [Y] EP 1790601 A2 20070530 - BOSCH REXROTH AG [DE]
- [Y] DE 202004003746 U1 20040519 - TECH AG ARBON M [CH]
- [Y] DE 2430298 A1 19760805 - WITTLER & CO H

Cited by  
CN103029425A; CN112223900A; EP3251846A1; US2017341368A1; US10710360B2; US9278508B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2161130 A2 20100310; EP 2161130 A3 20110413; EP 2161130 B1 20180919**; DE 102008045682 A1 20100311; PL 2161130 T3 20190228

DOCDB simple family (application)  
**EP 09010151 A 20090806**; DE 102008045682 A 20080904; PL 09010151 T 20090806