

Title (en)

Device for supplying foil to be used in a printing process to a printing press

Title (de)

Vorrichtung zur Lieferung von Folie, die in einem Druckverfahren benutzt wird, an eine Druckpresse

Title (fr)

Dispositif d'alimentation de film à utiliser dans un processus d'impression vers une presse d'impression

Publication

EP 2100735 A1 20090916 (EN)

Application

EP 08001041 A 20080121

Priority

EP 08001041 A 20080121

Abstract (en)

A device (2) for supplying foil (3) to be used in a printing process to a printing press (1) comprises a unit (11) for supporting at least one coil (10) of the foil (3). This coil supporting unit (11) may comprise two shafts for supporting two coils (10) of the foil (3), wherein the shafts are mounted on a rotatably arranged part (12) of the unit (11), so that it is possible to change positions of the shafts, and to have an automatically performed changing process of coils (10) of the foil (3). Furthermore, in order to allow for a temporary standstill of the foil (3) in a path near the coil supporting unit (11) when a coil changing process takes place and still ensuring a supply of foil (3) to the printing press (1), buffer means (19) for storing a length of the foil (3) are provided, which are arranged at a position downstream of the coil supporting unit (11).

IPC 8 full level

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CPC (source: EP)

B41F 19/062 (2013.01); **B65H 19/1852** (2013.01); **B65H 20/34** (2013.01); **B65H 23/26** (2013.01); **B65H 2301/4148** (2013.01); **B65H 2301/4631** (2013.01); **B65H 2406/351** (2013.01); **B65H 2408/215** (2013.01); **B65H 2408/241** (2013.01); **B65H 2511/112** (2013.01); **B65H 2513/10** (2013.01); **B65H 2701/1752** (2013.01); **B65H 2801/21** (2013.01)

Citation (search report)

- [X] US 5611272 A 19970318 - STEUER ARMIN [DE]
- [X] US 6230616 B1 20010515 - STEUER ARMIN [DE]
- [X] US 6779442 B2 20040824 - STRASSER GEORG [CH]
- [XY] US 3298890 A 19670117 - JOSEPH HELLEMANS ALBERT
- [Y] US 2001037851 A1 20011108 - MORTELLITE ROBERT M [US], et al
- [A] EP 1688252 A2 20060809 - ROLAND MAN DRUCKMASCH [DE]
- [XA] US 2007227651 A1 20071004 - WEBER ALEXANDER [DE]
- [X] GB 2254586 A 19921014 - PROFOIL SYSTEMS LIMITED [GB]

Cited by

EP2340936A1; CN103407287A; CN107697703A; WO2009150029A1

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