

Title (en)
EMBOSSING MACHINE COMPRISING A FILM WEB GUIDE DEVICE

Title (de)
FLACHPRÄGEDRUCKMASCHINE MIT EINER FOLIENBAHNFÜHRUNGSEINRICHTUNG

Title (fr)
MACHINE D'IMPRESSION-GAUFRAGE À PLAT POURVUE D'UN DISPOSITIF DE GUIDAGE DE FEUILLES CONTINUES

Publication
EP 2285720 B1 20150902 (DE)

Application
EP 09753403 A 20090525

Priority
• CH 2009000175 W 20090525
• CH 7972008 A 20080527

Abstract (en)
[origin: WO2009143644A1] For each film web, the embossing machine comprising a film web guide device (2) for a plurality of film webs (6), which are guided from unwinding reels over a die (3) on a flat bed press, has film drawing devices behind the die and individual, long, central symmetrically configured guide webs (11.1, 11.2, 11.3), which can be set in the transverse direction Y relative to the drawing direction X, as film tensioning devices in front of the die. The guide webs have a smooth, low-friction surface (12) with suction openings (14), which are connected to controllable negative pressure sources (13.1, 13.2, 13.3) for the independent setting of the negative pressure (pi) and brake force (zfi) at each individual guide web (1 li). To this end, each picture film web (6i) is associated with a picture mark sensor (15i) between the film drawing device (9i) and the guide web (1 li) and also with settable lateral guide elements (30) provided on both sides on low-friction diverting elements (31, 32) directly in front of the guide webs and behind the die (3), wherein said lateral guide elements can guide the picture film webs centered on the guide webs. In this way, each picture film web (6i) can be optimally set for the picture marks in the X and Y directions while the machine is running, thereby minimizing picture position errors.

IPC 8 full level
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CPC (source: EP US)
B65H 23/10 (2013.01 - EP US); **B65H 23/1884** (2013.01 - EP US); **B65H 2301/5126** (2013.01 - EP US)

Cited by
EP3173232A1; WO2017093894A1

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