

Title (en)

SECURITY PRINTING MACHINE HAVING AT LEAST A PRINTING UNIT AND METHOD FOR OPERATING A SQUEEGEE DEVICE

Title (de)

WERTPAPIERDRUCKMASCHINE MIT WENIGSTENS EINEM DRUCKAGGREGAT SOWIE VERFAHREN ZUM BETRIEB EINER
RAKELEINRICHTUNG

Title (fr)

MACHINE D'IMPRESSION DE PAPIERS-VALEUR COMPRENANT AU MOINS UNE UNITÉ D'IMPRESSION ET PROCÉDÉ DE
FONCTIONNEMENT D'UN SYSTÈME DE RACLE

Publication

EP 3237211 B1 20200212 (DE)

Application

EP 15805544 A 20151209

Priority

- DE 102014226869 A 20141222
- EP 2015079126 W 20151209

Abstract (en)

[origin: WO2016102187A1] The invention relates to a squeegee device for a printing press which prints a printing material (02) at at least one printing point (06, 07) in accordance with a screen printing process, comprising a screen printing screen (31; 32), a squeegee (34) which is set against the screen printing screen (31; 32) in a thrown-on position ("ON") and/or can be set against the screen printing screen (31; 32) into a thrown-on position ("ON"), a bearing device (56, 57, 58) which makes a throwing-on and throwing-off movement possible between the thrown-on position ("ON") of the squeegee (34) and a thrown-off position ("OFF"), and a drive device (39, 41, 48), by way of which the squeegee (34) can be set against the screen printing screen (31; 32) and can be set away from the latter during operation in a manner which is correlated to a press or printing material phase position, wherein the drive device (39, 41, 48) is set up to bring about and/or to make possible throwing on and throwing off of the squeegee (34) in sequences which differ from one another with different phase positions and/or phase lengths in relation to the length of the screen printing screen (31; 32).

IPC 8 full level

B41F 15/08 (2006.01); **B41F 15/42** (2006.01)

CPC (source: CN EP RU US)

B41F 15/08 (2013.01 - RU); **B41F 15/0809** (2013.01 - CN EP US); **B41F 15/0836** (2013.01 - CN EP US); **B41F 15/42** (2013.01 - CN EP US); **B41F 15/423** (2013.01 - CN EP US); **B41F 15/44** (2013.01 - US); **B41F 15/34** (2013.01 - US)

Citation (examination)

- EP 2025515 A1 20090218 - KBA GIORI SA [CH]
- EP 2014466 A2 20090114 - KOMORI PRINTING MACH [JP]

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102014226869 A1 20160623; **DE 102014226869 B4 20220317**; CN 107107605 A 20170829; CN 107107605 B 20200505; EP 3237211 A1 20171101; EP 3237211 B1 20200212; JP 2018500214 A 20180111; JP 6588096 B2 20191009; RU 2656971 C1 20180607; US 10427398 B2 20191001; US 2017348963 A1 20171207; WO 2016102187 A1 20160630

DOCDB simple family (application)

DE 102014226869 A 20141222; CN 201580070305 A 20151209; EP 15805544 A 20151209; EP 2015079126 W 20151209; JP 2017533872 A 20151209; RU 2017126252 A 20151209; US 201515538214 A 20151209