

Title (en)

INK SUPPLY DEVICE OF A PRINTING MACHINE

Title (de)

TINTENZUFÜHRVORRICHTUNG EINER DRUCKMASCHINE

Title (fr)

DISPOSITIF D'ALIMENTATION EN ENCRE D'UNE IMPRIMANTE

Publication

EP 3424710 A3 20190116 (EN)

Application

EP 18180682 A 20180629

Priority

JP 2017132692 A 20170706

Abstract (en)

[origin: EP3424710A2] In an ink supply device of a printing machine, an abutting pressure of doctor blades is adjusted and maintained to be an appropriate value. A position adjusting and fixing mechanism 7 comprises a first part for position adjusting and fixing 7a-1, a second part for position adjusting and fixing 7a-2 which are attached to a frame, and parts to be position-adjusted and fixed provided on a housing 20. The first part for position adjusting and fixing 7a-1 and the second part for position adjusting and fixing 7a-2 are movable between fixing positions in abutment with the parts to be position-adjusted and fixed and releasing positions of fixation separated from the parts to be position-adjusted and fixed respectively. The ink doctor chamber 2 is fixed so as not to move by fixing the first part for position adjusting and fixing 7a-1 and the second part for position adjusting and fixing 7a-2 at the fixing position, together with this, the abutting pressure of doctor blades 21 can be adjusted and maintained to be an appropriate value.

IPC 8 full level

B41F 31/30 (2006.01); **B41F 9/10** (2006.01); **B41F 31/02** (2006.01); **B41F 31/04** (2006.01)

CPC (source: CN EP KR)

B41F 9/1027 (2013.01 - EP); **B41F 9/1072** (2013.01 - KR); **B41F 31/027** (2013.01 - EP KR); **B41F 31/04** (2013.01 - EP); **B41F 31/20** (2013.01 - CN); **B41F 31/30** (2013.01 - EP); **B41F 33/04** (2013.01 - KR)

Citation (search report)

- [A] DE 4213670 A1 19931028 - KOENIG & BAUER AG [DE]
- [A] DE 102007018133 A1 20081023 - FISCHER & KRECKE GMBH & CO KG [DE]
- [A] WO 0125014 A1 20010412 - GALLUS FERD RUEESCH AG [CH], et al
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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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3424710 A2 20190109; **EP 3424710 A3 20190116**; **EP 3424710 B1 20191120**; AU 2018200634 A1 20190124; AU 2018200634 B2 20231102; CN 109203672 A 20190115; CN 109203672 B 20210205; JP 2019014130 A 20190131; JP 6736090 B2 20200805; KR 102291000 B1 20210818; KR 20190005710 A 20190116

DOCDB simple family (application)

EP 18180682 A 20180629; AU 2018200634 A 20180125; CN 201810164326 A 20180228; JP 2017132692 A 20170706; KR 20180012422 A 20180131