

Title (en)

Articulated doctor blade assembly for printing groups

Title (de)

Bewegliche Rakelanordnung für Druckgruppen

Title (fr)

Ensemble de lame de racloir articulée pour groupes d'impression

Publication

EP 2657020 A1 20131030 (EN)

Application

EP 12425078 A 20120427

Priority

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Abstract (en)

Doctor blade assembly (110) for printing units, in particular for rotogravure printing groups, comprising a doctor blade and a doctor blade support (2); the doctor blade assembly (110) comprises a main shaft (14) provided with relative drive and control means (12, 18A), a secondary shaft (15) provided with relative drive and control means (13, 18B) and a levers group (3) forming an articulated parallelogram and comprising a first series of levers (3A, 3B, 3C, 3D) keyed on one side to the main shaft (14) and on the other side to the secondary shaft (15) and a second series of levers (3F, 3E, 3G, 3H) keyed on one side to the secondary shaft (15) and on the other side connected to the doctor blade support (2); at least a lever (3H) of said second series of levers is connected in a rotatable way to at least a pair of levers (3C, 3D) of said first series of levers (3A, 3B, 3C, 3D).

IPC 8 full level

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CPC (source: EP)

B41F 9/1009 (2013.01); **B41F 9/1027** (2013.01); **B41F 9/1045** (2013.01); **B41F 9/1072** (2013.01)

Citation (search report)

- [X] US 3780670 A 19731225 - ABLER N, et al
- [X] DE 4024569 A1 19911002 - NAKAJIMA SEIKI ENG [JP]

Cited by

CN108394179A; WO2017182144A1

Designated contracting state (EPC)

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