

Title (en)

Application device for directly or indirectly applying a liquid or a paste onto a running web

Title (de)

Auftragswerk zum direkten oder indirekten Auftragen eines flüssigen oder pastösen Mediums auf eine laufende Materialbahn

Title (fr)

Dispositif d'application pour l'application directe ou indirecte d'un liquide ou d'une pâte sur une bande en défilement

Publication

EP 0808668 A3 19980401 (DE)

Application

EP 97107886 A 19970514

Priority

DE 19620261 A 19960520

Abstract (en)

[origin: EP0808668A2] The applicator includes a counter roller, doctor blade mechanism and contact pressure device with contact pressure element formed in cross-section as a parallelogram body (12) biased by contact pressure force. The preferably spring-elastic parallelogram body is mounted at one end in or on at least one holder (14) and runs parallel to the doctor blade element (6). The parallelogram body has at least three hinged individual elements of which two are equal length and spaced parallel from each other and fixed by the lower ends to one of two bearing points set at predetermined space from each other. The third individual part connects the other two together at their upper ends. The length of the third part measured between the upper articulation points equals the spacing between the two bearing points of the first two parts.

IPC 1-7

B05C 11/04

IPC 8 full level

B05C 11/04 (2006.01); **B65H 37/02** (2006.01)

CPC (source: EP US)

B05C 11/041 (2013.01 - EP US)

Citation (search report)

- [AD] WO 9305887 A1 19930401 - BTG KAELE INVENTING AB [SE]
- [A] US 3783781 A 19740108 - GROMMEK S

Cited by

EP2680980B1

Designated contracting state (EPC)

AT DE ES FI FR IT SE

DOCDB simple family (publication)

EP 0808668 A2 19971126; **EP 0808668 A3 19980401**; BR 9702950 A 19990608; DE 19620261 A1 19971127; JP H1095565 A 19980414; US 5932010 A 19990803

DOCDB simple family (application)

EP 97107886 A 19970514; BR 9702950 A 19970520; DE 19620261 A 19960520; JP 16648397 A 19970520; US 85564297 A 19970513