

Title (en)
DEVICE FOR COATING FLAT OBJECTS WITH FLUIDS

Publication
EP 0427045 B1 19930421 (DE)

Application
EP 90120361 A 19901024

Priority
DE 3936774 A 19891104

Abstract (en)
[origin: EP0427045A1] A device for coating planar workpieces with free-flowing materials has an application roller (11) and a mating roller, between which the workpiece is inserted, as well as a metering roller (10) which is arranged parallel to the application roller (11) and can be pressed against it. In this case, the metering roller (10) is arranged in a swinging element (15) so as to be capable of pivoting about a horizontal axis perpendicular to the direction of the adjustment stroke, the swinging element (15) itself being pivotably seated in a horizontally displaceable, lockable bearing block (14). A pneumatic or hydraulic cylinder (16) which acts on the swinging element (15) in order to set the adjustment stroke and thus the contact pressure between the application roller (11) and metering roller (10) is permanently arranged in this bearing block. With this arrangement, frictional effects are reduced to a minimum and extremely precise control of the application gap, in particular even with low contact forces, is thus made possible. <IMAGE>

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B05C 1/08

IPC 8 full level
B05C 1/08 (2006.01)

CPC (source: EP)
B05C 1/0834 (2013.01)

Cited by
FR2894161A1; CN1074944C; EP1502661A2; EP1166888A2; EP1166889A2

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