

Title (en)
Curtain application device

Title (de)
Vorhang-Auftragswerk

Title (fr)
Unité d'application de rideau

Publication
EP 2083119 B1 20120725 (DE)

Application
EP 09151000 A 20090121

Priority
JP 2008011597 A 20080122

Abstract (en)
[origin: EP2083119A1] The curtain coating device comprises an edge guide for guiding a curtain delivered by a coating head of the coating device. The edge guide guides with its interior area (2j) of the edge of the falling curtain. A lubricating liquid flows downward to the interior surface of the edge guide. A supply opening (2c) is intended in the upper area of the interior surface and a suction opening (2e) is intended in the lower area of the interior surface. The interior surface is equipped in a lateral area between the supply opening and the suction opening with a water absorbing coating (2f). The curtain coating device comprises an edge guide for guiding a curtain delivered by a coating head of the coating device. The edge guide guides with its interior area (2j) of the edge of the falling curtain. A lubricating liquid flows downward to the interior surface of the edge guide. A supply opening (2c) is intended in the upper area of the interior surface and a suction opening (2e) is intended in the lower area of the interior surface. The interior surface is equipped in a lateral area between the supply opening and the suction opening with a water absorbing coating (2f). A water repellent coating (2h) is applied to both sides of the strip-type area in which the coating is formed. The edge guide is arranged in pairs so that it clamps and/or guides to both edges of the curtain between itself.

IPC 8 full level
D21H 23/48 (2006.01); **B05C 5/00** (2006.01)

CPC (source: EP)
B05C 5/005 (2013.01); **B05C 5/008** (2013.01); **D21H 23/48** (2013.01)

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