

Title (en)  
Curtain application device

Title (de)  
Vorhang-Auftragswerk

Title (fr)  
Unité de revêtement par rideau

Publication  
**EP 2309060 B1 20150311 (DE)**

Application  
**EP 10007597 A 20100722**

Priority  
DE 102009048820 A 20091009

Abstract (en)  
[origin: EP2309060A2] Curtain-application unit for delivering an application medium in the form of a curtain moving due to gravity on a moving paper- or a cardboard web, comprises: a nozzle body; and a distribution chamber (7) extending along a feeding width, where the application medium is fed via at least two supplying lines, each exhibiting a device for adjusting a volumetric flow of the medium to be supplied, and a flowing channel (6) to deliver the application medium as the curtain via an outlet gap (3). The flowing channel is divided into many individual widening guiding channels of a diffuser block. Curtain-application unit for delivering an application medium in the form of a curtain moving due to gravity on a moving paper- or a cardboard web, comprises: a nozzle body; and a distribution chamber (7) extending along a feeding width, where the application medium is fed via at least two supplying lines, each exhibiting a device for adjusting a volumetric flow of the application medium to be supplied, and a flowing channel (6) to deliver the application medium as the curtain via an outlet gap (3). The flowing channel is divided into many individual widening guiding channels of a diffuser block, where an inlet side connected to the distribution chamber along the feeding width is at least partially divided into sections, and each of these sections are connected to the supplying line, and exhibit a partitioning-width, which over-spanned the many guiding channels of the diffuser block.

IPC 8 full level  
**D21H 23/48** (2006.01)

CPC (source: EP US)  
**D21H 23/48** (2013.01 - EP US); **B05C 5/005** (2013.01 - EP US); **B05C 5/008** (2013.01 - EP US); **B05C 5/0279** (2013.01 - EP US)

Cited by  
EP2868802A1; EP4283039A1

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 SE SI SK SM TR

DOCDB simple family (publication)  
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