

Title (en)
Apparatus for coating a web

Title (de)
Vorrichtung zum Beschichten eines Bandförmigen Trägermaterials

Title (fr)
Appareil pour enduire un bande

Publication
EP 0584674 B1 19981125 (DE)

Application
EP 93112999 A 19930813

Priority
DE 4227908 A 19920822

Abstract (en)
[origin: EP0584674A2] A device 1 for generating a vacuum at a layer applied to a substrate 5 in web form which is guided over a coating roller 3 is supplied symmetrically with compressed air via two opposite, end-located inflow openings 13, 22. This compressed air is fed symmetrically to the device 1 via a distributor unit 23. This compressed air emerges via a so-called Laval nozzle and, above this Laval nozzle, generates a vacuum which acts on the meniscus of the applied layer between the slit of the coating nozzle and the substrate 4. Provided in the device 1 are displaceable seals 27 which make it possible to adapt the width of the nozzle to the width over which the substrate 4 is to be coated.

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G03C 1/74

IPC 8 full level
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B05C 5/0266 (2013.01 - EP US); **G03C 1/74** (2013.01 - EP US)

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