

Title (en)  
SLOT DIE COATER

Title (de)  
SCHLITZGIESSER

Title (fr)  
DISPOSITIF DE REVETEMENT À FENTE

Publication  
**EP 3585525 B1 20201209 (DE)**

Application  
**EP 17706726 A 20170221**

Priority  
EP 2017053897 W 20170221

Abstract (en)  
[origin: WO2018153429A1] The invention relates to a curtain coater (1), preferably for producing thin and homogeneous coatings on web-like materials, particularly preferably for intermittent coating, wherein coater jaws (2, 3) in the form of two solid blocks are arranged on both sides at a small distance from each other, and wherein the free ends of the coater jaws are each in the form of a pouring lip (4, 5) and between them form the coater gap (6) through which the material for coating exits and falls onto the web (8) to be coated. In order that clean edges can be produced even when the coating liquid has low viscosity and an extremely short reaction time, it should be possible to increase the volume of the coater gap temporarily, in a uniform manner along the entire coater gap, by means of at least one correspondingly provided actuating element. To this end, at least one coater jaw is weakened by a slot-like cut-out at a small distance in front of the pouring lip in such a manner that the portion of said coater jaw which lies in front of said cut-out on the pouring lip side can be swung open slightly through a small angular range by a correspondingly provided actuating element.

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