

Title (en)
DEVICE FOR APPLYING A FLUID ON A WEB

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Application
EP 91105185 A 19910402

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• DE 4015631 A 19900515
• DE 4032318 A 19901011

Abstract (en)
[origin: US5275656A] The invention refers to an apparatus for applying liquid media onto a web with an applicator roller carried in a machine frame and an impression roller which can be lifted thereof and adjusted thereto, said impression roller forming a roller gap with the applicator roller, through which the web passes. For the solution of the problem to provide an apparatus with a simple and robust design, in which a desired gap between the impression roller and the applicator roller can be easily set, the impression roller is mounted between the one arms of two parallel two-armed levers being pivotably supported in the machine frame. At the ends of the other arms one end of a pressure piston cylinder unit pivoting the two-armed levers is coupled, the other end of which is mounted in the machine frame. Furthermore, at least one stopper is provided which is allocated to one of the lever arms, arranged in the machine frame, adjustable as to height, and by which the width of the roller gap is limited.

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CPC (source: EP US)
B05C 1/083 (2013.01 - EP US); **B05C 1/0834** (2013.01 - EP US); **B05C 1/0865** (2013.01 - EP US)

Citation (search report)
• [A] EP 0142925 A1 19850529 - BLACK CLAWSON CO [US]
• [A] WO 8706504 A1 19871105 - ZIMMER JOHANNES
• [A] PATENT ABSTRACTS OF JAPAN vol. 10, no. 43 (C-329)20. Februar 1986 & JP-A-60 190 260 (KOBAYASHI KIKAI SEISAKUSHO) 27. September 1985

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EP0788841A3; WO2009109450A1

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