

Title (en)
Coating apparatus and coating method

Title (de)
Beschichtungsvorrichtung und Beschichtungsverfahren

Title (fr)
Appareil et procédé de revêtement

Publication
EP 2564939 A1 20130306 (EN)

Application
EP 12181701 A 20120824

Priority
JP 2011185119 A 20110826

Abstract (en)
When coating liquid is applied to a web (W) in a bar coater while the web (W) is being run, the coating liquid is prevented from becoming solidified to cause a streak failure or result in occurrence of a foreign material adhesion where a solidified material adheres to a coated surface in a gas-liquid-solid interface on an upstream side of a bar (12). A tip end (16A) of an upstream side block (16) is formed in an acute angle and a material of a surface of the tip end (16A) is applied with treatment of any one of DLC, CrN, Hard Cr, and TiAlN, and a surface roughness Ra is set in a range of 1.3 to 5.0 μm .

IPC 8 full level
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B05C 5/0254 (2013.01); **B05C 11/025** (2013.01); **B05C 11/1039** (2013.01); **B05C 5/0262** (2013.01)

Citation (applicant)

- JP H08266978 A 19961015 - FUJI PHOTO FILM CO LTD, et al
- JP H10235256 A 19980908 - SONY CORP
- JP H0615214 A 19940125 - KONISHIROKU PHOTO IND
- JP S5978340 A 19840507 - FUJI PHOTO FILM CO LTD

Citation (search report)

- [A] EP 1297900 A2 20030402 - FUJI PHOTO FILM CO LTD [JP]
- [A] EP 1342508 A1 20030910 - FUJI PHOTO FILM CO LTD [JP]
- [A] JP 2003275642 A 20030930 - FUJI PHOTO FILM CO LTD
- [A] JP 2003236439 A 20030826 - FUJI PHOTO FILM CO LTD
- [A] EP 1872861 A2 20080102 - FUJIFILM CORP [JP]
- [A] EP 1872860 A1 20080102 - FUJIFILM CORP [JP]
- [A] US 4521459 A 19850604 - TAKEDA HIDEO [JP]

Designated contracting state (EPC)
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Designated extension state (EPC)
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