

Title (en)

IMPROVEMENTS IN OR RELATING TO COATING.

Title (de)

VERBESSERUNGEN BEI ODER IM ZUSAMMENHANG MIT DER BESCHICHTUNG.

Title (fr)

PERFECTIONNEMENTS APPORTES A UN REVETEMENT.

Publication

**EP 0563308 B1 19950510 (EN)**

Application

**EP 92904009 A 19911218**

Priority

- US 9007559 W 19901220
- US 9109527 W 19911218

Abstract (en)

[origin: WO9211572A1] Described herein is method for coating a support (14, 14'), such as a web of paper or film, with a liquid composition, such as photographic emulsion. The support is moved through a coating zone and a moving sheet (32, 134) of the composition is directed at the support. The moving sheet may be a falling curtain (32) or it may be formed by an extrusion die with the sheet directed other than vertically. The sheet and the support are positioned relative to one another so that the sheet impinges on the support in the coating zone with an acute angle between the sheet and the uncoated support and so that the angle between the plane of the sheet just prior to infringement and a plane tangential to the support at the line of impingement of the sheet on the support is A DEG which lies in the range of 30 DEG to 60 DEG . It is ensured that the liquid in the sheet has a speed just before impingement on the support of at least 200 cm per sec.

IPC 1-7

**G03C 1/74**

IPC 8 full level

**B05C 5/00** (2006.01); **B05D 1/26** (2006.01); **G03C 1/74** (2006.01); **B05C 9/06** (2006.01)

CPC (source: EP)

**B05C 5/008** (2013.01); **G03C 1/74** (2013.01); **B05C 9/06** (2013.01); **G03C 2001/7407** (2013.01); **G03C 2001/7433** (2013.01); **G03C 2001/747** (2013.01); **G03C 2001/7474** (2013.01)

Cited by

EP1314485A2; US6610148B2

Designated contracting state (EPC)

BE CH DE FR GB LI NL

DOCDB simple family (publication)

**WO 9211572 A1 19920709**; DE 69109695 D1 19950614; DE 69109695 T2 19960125; EP 0563308 A1 19931006; EP 0563308 B1 19950510; JP 2619190 B2 19970611; JP H08510679 A 19961112; WO 9211571 A1 19920709

DOCDB simple family (application)

**US 9109527 W 19911218**; DE 69109695 T 19911218; EP 92904009 A 19911218; JP 50435091 A 19911218; US 9007559 W 19901220