

Title (en)

Vertical drawing curtain coating method and apparatus.

Title (de)

Verfahren und Apparat zur Beschichtung mit senkrecht gezogenem Vorhang.

Title (fr)

Méthode et appareil pour l'enduction sous forme de rideau tiré verticalement.

Publication

EP 0197493 A2 19861015 (EN)

Application

EP 86104449 A 19860401

Priority

CN 85100851 A 19850401

Abstract (en)

This invention develops a new kind of vertical drawing curtain coating method and apparatus, which contains three main parts: a higher uniform equal-flow distributing coater, a vertical drawing short-curtain, a parallel rotated coating roller and moving webs. This coating method can simultaneously coat one or more than one layer with high uniformity, and is suitable for silver salt or non-silver salt photo-sensitive materials production. It can use a liquid viscosity from 2 to 1,000 mPas at a coating velocity 30 to 300 mm/in to get a coating weight from 20 to 240 ml/m<2>; and can avoid coating defects such as those usually found in the bead coating and vertical free-falling curtain coating methods.

IPC 1-7

G03C 1/74

IPC 8 full level

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

CPC (source: EP)

B05C 5/005 (2013.01); **B05C 5/007** (2013.01); **B05C 5/008** (2013.01); **G03C 1/74** (2013.01); **B05C 9/06** (2013.01); **G03C 2001/7433** (2013.01); **G03C 2001/747** (2013.01); **G03C 2001/7474** (2013.01); **G03C 2001/7485** (2013.01)

Cited by

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Designated contracting state (EPC)

BE CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0197493 A2 19861015; **EP 0197493 A3 19870930**; CN 85100851 A 19851010; CN 85100851 B 19880330; JP S61292140 A 19861222

DOCDB simple family (application)

EP 86104449 A 19860401; CN 85100851 A 19850401; JP 7536586 A 19860401