

Title (en)

Device and method for coating a container and container

Title (de)

Vorrichtung und Verfahren zum Beschichten eines Behälters sowie Behälter

Title (fr)

Dispositif et procédé destinés au revêtement d'un récipient ainsi que récipient

Publication

EP 2574462 A3 20140813 (DE)

Application

EP 12006598 A 20120920

Priority

DE 102011115140 A 20110927

Abstract (en)

[origin: EP2574462A2] The apparatus has a coating agent storage unit, and a unit for transmitting the coating material from a coating material supply unit designed for the coating surface transmission arrangement. Water contained in the coating material supply unit is set with a viscosity of less than 100s, in particular to contain paint. A recess is formed at the removal area obtained by removing the coating material from the coated surface of the container. A transfer roller (30) with resilient outer surface is arranged between removal device and applicator device. An independent claim is included for a method for coating a coating surface of cup-shaped container.

IPC 8 full level

B41F 17/00 (2006.01); **B05C 1/02** (2006.01); **B41F 17/18** (2006.01); **B41F 17/22** (2006.01); **B41F 17/28** (2006.01); **B41F 31/08** (2006.01); **B41F 31/26** (2006.01)

CPC (source: EP)

B05C 1/022 (2013.01); **B41F 17/002** (2013.01); **B41F 17/18** (2013.01); **B41F 17/22** (2013.01); **B41F 17/28** (2013.01); **B41F 31/08** (2013.01); **B41F 31/26** (2013.01)

Citation (search report)

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- [YD] EP 1372866 B1 20070103 - KRONES AG [DE]
- [Y] DE 1577849 A1 19700115 - ALFONS MALL KG MASCHINENFABRIK
- [A] DE 2459588 A1 19750703 - CHROMAX LTD
- [A] EP 0082693 A2 19830629 - CORNING GLASS WORKS [US]
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2574462 A2 20130403; EP 2574462 A3 20140813; DE 102011115140 A1 20130328

DOCDB simple family (application)

EP 12006598 A 20120920; DE 102011115140 A 20110927