

Title (en)
Method for manufacturing a coating

Title (de)
Verfahren zur Herstellung einer Beschichtung

Title (fr)
Procédé de fabrication d'un revêtement

Publication
EP 2674226 A3 20150211 (DE)

Application
EP 13003016 A 20130612

Priority
DE 102012011853 A 20120614

Abstract (en)
[origin: EP2674226A2] The method involves applying solution containing polyvinyl pyrrolidone, a radical initiator e.g. photo initiator, organic solvent i.e. ethanol, and hydrogen peroxide on surfaces to be coated of a refrigerating and/or freezing device. The radical initiator is added in a concentration upto 7.5 wt. % relative to an amount of polyvinyl pyrrolidone. The applied solution is hardened by UV exposure. The solution is dried in a room temperature before the UV exposure. The surfaces are made of plasma-activated polystyrene. Plasma activation is carried out with oxygen-plasma or argon-plasma. An independent claim is also included for a refrigerating and/or freezing device.

IPC 8 full level
B05D 5/00 (2006.01); **B05D 3/06** (2006.01); **B05D 3/14** (2006.01); **C09D 139/06** (2006.01); **F25D 21/04** (2006.01); **F25D 23/06** (2006.01)

CPC (source: EP)
B05D 3/067 (2013.01); **B05D 3/144** (2013.01); **B05D 5/00** (2013.01); **F25D 21/04** (2013.01); **F25D 23/066** (2013.01)

Citation (search report)

- [Y] EP 1558402 A2 20050803 - CIBA SC HOLDING AG [CH]
- [XY] FR 2910117 A1 20080620 - SAINT GOBAIN [FR]
- [A] US 5273812 A 19931228 - OGUCHI KIYOSHI [JP], et al

Cited by
EP2881180A3

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

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