

Title (en)
METHOD FOR REDUCING THE ADHERENCE OF DIRT TO A SUBSTANCE

Title (de)
VERFAHREN ZUM REDUZIEREN DER SCHMUTZHAFTUNG AN EINEM SUBSTRAT

Title (fr)
PROCÉDÉ DE RÉDUCTION DE L'ADHÉRENCE DE LA SALETÉ À UN SUBSTRAT

Publication
EP 3191614 A1 20170719 (DE)

Application
EP 15763294 A 20150910

Priority
• DE 102014113097 A 20140911
• EP 2015070695 W 20150910

Abstract (en)
[origin: WO2016038132A1] The invention relates to a method for reducing the adherence of dirt to a substrate, wherein a thin, not completely-closed coating of a material is deposited at least on one surface region of the substrate by means of a vacuum deposition process and accelerated ions are subsequently applied to said surface region.

IPC 8 full level
C23C 14/00 (2006.01); **C23C 14/08** (2006.01); **C23C 14/35** (2006.01); **C23C 14/56** (2006.01); **C23C 14/58** (2006.01); **C23C 16/455** (2006.01)

CPC (source: EP US)
C23C 14/0036 (2013.01 - EP US); **C23C 14/04** (2013.01 - US); **C23C 14/083** (2013.01 - US); **C23C 14/086** (2013.01 - EP US); **C23C 14/10** (2013.01 - US); **C23C 14/35** (2013.01 - EP US); **C23C 14/562** (2013.01 - EP US); **C23C 14/5873** (2013.01 - EP US); **C23C 16/45525** (2013.01 - EP US); **H01J 37/32** (2013.01 - EP US)

Citation (search report)
See references of WO 2016038132A1

Citation (examination)
DE 102005049280 A1 20070614 - UNIV SCHILLER JENA [DE], et al

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)
DE 102014113097 A1 20160317; EP 3191614 A1 20170719; JP 2017528600 A 20170928; JP 6649948 B2 20200219; US 10557196 B2 20200211; US 2017218504 A1 20170803; WO 2016038132 A1 20160317

DOCDB simple family (application)
DE 102014113097 A 20140911; EP 15763294 A 20150910; EP 2015070695 W 20150910; JP 2017513715 A 20150910; US 201515508905 A 20150910