

Title (en)
A CLEANING SURFACE WITH REACTIVATABLE ADHESIVE

Title (de)
REINIGUNGSFLÄCHE MIT REAKTIVIERBAREM KLEBSTOFF

Title (fr)
SURFACE DE NETTOYAGE AYANT UN ADHÉSIF RÉACTIVABLE

Publication
EP 2775894 A1 20140917 (EN)

Application
EP 12783841 A 20121102

Priority
• US 201161558558 P 20111111
• US 2012063317 W 20121102

Abstract (en)
[origin: WO2013070522A1] The disclosed cleaning surface includes a reactivatable adhesive to capture and hold dirt, dust, and debris and a spacing element to allow for the cleaning surface to glide over a surface to be cleaned. The reactivatable adhesive can be washed clean, but once dry, it regains the ability to capture and hold dirt, dust, and debris, so that the cleaning surface is reusable. The disclosed cleaning surface combines the ability of using adhesive to greatly enhance the capture of dirt, dust, and debris, while also being reusable. The reactivatable adhesive is a reactivatable pressure sensitive adhesive which is a polymerized precursor comprising a monomer component which contains one or more alkyl acrylates, the alkyl groups of which have an average of 4-14 C atoms, at least 2.0 phr of hydrophobic silica, one or more polymerization initiators, one or more crosslinker compounds, and which is essentially free from polar comonomers.

IPC 8 full level
A47L 13/16 (2006.01); **A47L 25/00** (2006.01); **C09J 7/02** (2006.01)

CPC (source: EP KR US)
A47L 13/16 (2013.01 - KR US); **A47L 13/20** (2013.01 - EP US); **A47L 25/00** (2013.01 - KR); **A47L 25/005** (2013.01 - EP US); **C09J 7/385** (2017.12 - EP US); **C08K 3/36** (2013.01 - EP US); **C09J 2301/204** (2020.08 - EP US); **C09J 2301/206** (2020.08 - EP US); **C09J 2301/408** (2020.08 - EP US)

Citation (search report)
See references of WO 2013070522A1

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

DOCDB simple family (publication)
WO 2013070522 A1 20130516; CN 103945751 A 20140723; EP 2775894 A1 20140917; KR 20140092382 A 20140723; MX 2014005639 A 20140711; US 2014283323 A1 20140925

DOCDB simple family (application)
US 2012063317 W 20121102; CN 201280054275 A 20121102; EP 12783841 A 20121102; KR 20147015263 A 20121102; MX 2014005639 A 20121102; US 201214354660 A 20121102