

Title (en)  
LIQUID-REPELLENT MATERIAL

Title (de)  
FLÜSSIGKEITSABWEISENDES MATERIAL

Title (fr)  
MATIÈRE IMPERMÉABLE AUX LIQUIDES

Publication  
**EP 2449001 A1 20120509 (EN)**

Application  
**EP 10793675 A 20100702**

Priority  
• FI 2010050575 W 20100702  
• FI 20095752 A 20090702

Abstract (en)  
[origin: WO2011001036A1] The present invention relates to surfaces with extremely repellency for liquids. The present invention provides an aerogel coated with at least one type of surface modifier, wherein the aerogel is superamphiphobic. The invention further provides a method for manufacturing said aerogel. The invention also provides a use of an aerogel in applications.

IPC 8 full level  
**C08J 3/00** (2006.01); **B01J 13/00** (2006.01); **C08B 15/00** (2006.01); **C08J 9/28** (2006.01); **C08K 3/36** (2006.01)

CPC (source: EP FI)  
**B01J 13/0091** (2013.01 - EP FI); **C08B 15/00** (2013.01 - EP FI); **C08J 3/00** (2013.01 - FI); **C08J 9/0066** (2013.01 - EP); **C08J 9/28** (2013.01 - EP); **C08J 9/40** (2013.01 - EP); **C08L 1/02** (2013.01 - EP); **C08J 2201/0504** (2013.01 - EP); **C08J 2205/026** (2013.01 - EP); **C08J 2301/02** (2013.01 - EP); **C08J 2385/02** (2013.01 - EP)

Cited by  
CN110437493A; US10472769B2; US10590350B2

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 SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011001036 A1 20110106**; EP 2449001 A1 20120509; EP 2449001 A4 20150107; FI 122230 B 20111031; FI 20095752 A0 20090702; FI 20095752 A 20110103

DOCDB simple family (application)  
**FI 2010050575 W 20100702**; EP 10793675 A 20100702; FI 20095752 A 20090702