

Title (en)
SURFACE COATINGS

Title (de)
OBERFLÄCHENBESCHICHTUNGEN

Title (fr)
REVÊTEMENTS DE SURFACE

Publication
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Application
EP 15170410 A 20150603

Priority
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Abstract (en)
The present invention concerns a method for depositing a halogen-free water repellent nanocoating on textile products by means of a low-pressure plasma polymerization coating process with an organosilane monomer, wherein the halogen-free water repellent nanocoating is resistant against washing, laundering and dry cleaning.

IPC 8 full level
D06M 10/10 (2006.01); **D06M 11/79** (2006.01); **D06M 15/643** (2006.01)

CPC (source: EP)
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Citation (applicant)
• EP 0988412 A1 20000329 - SECR DEFENCE BRIT [GB]
• WO 2014056968 A1 20140417 - EUROPLASMA NV [BE]

Citation (search report)
• [XYI] WO 9905358 A1 19990204 - SCAPA GROUP PLC [GB], et al
• [XI] CN 101082178 A 20071205 - UNIV ZHEJIANG SCIENCE & TECH [CN]
• [E] EP 2905374 A2 20150812 - KOREA INST SCI & TECH [KR]
• [Y] WO 0016913 A1 20000330 - PROCTER & GAMBLE [US]
• [Y] US 2009069790 A1 20090312 - YOKLEY EDWARD MAXWELL [US], et al
• [XYI] DATABASE WPI Week 197945, Derwent World Patents Index; AN 1979-81629B, XP002751034

Cited by
WO2022171581A1; JP2022553468A; CN114502252A; WO2021079283A3

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Designated extension state (EPC)
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