

Title (en)  
SURFACE

Title (de)  
OBERFLÄCHE

Title (fr)  
SURFACE

Publication  
**EP 1476257 A1 20041117 (DE)**

Application  
**EP 03704394 A 20030115**

Priority  
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• EP 0300308 W 20030115

Abstract (en)  
[origin: DE10207194C1] The self-cleaning material with an artificially formed surface structure has a basic structure (10) and further structures (12) which have a capillary action with capillary openings (14). The capillary action gives a quotient of the capillary activity and the adhesion of \-1. The capillary structure gives a capillary with a mean capillary radius which is smaller than the radius of the smallest water drops in the ambient environment and especially rain drops.

IPC 1-7  
**B08B 17/06**

IPC 8 full level  
**B08B 17/06** (2006.01)

CPC (source: EP US)  
**B08B 17/06** (2013.01 - EP US); **Y10T 428/24** (2015.01 - EP US); **Y10T 428/24008** (2015.01 - EP US); **Y10T 428/24355** (2015.01 - EP US)

Citation (search report)  
See references of WO 03070392A1

Citation (examination)  
• US 6162040 A 20001219 - CLUNE WILLIAM [US]  
• US 3354022 A 19671121 - HAROLD DETTRE ROBERT, et al  
• WO 0050232 A1 20000831 - SEIKO EPSON CORP [JP], et al & US 6764745 B1 20040720 - KARASAWA YASUSHI [JP], et al

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