

Title (en)  
A TEXTURED COMPOSITE CLEANING DEVICE

Title (de)  
STRUKTURIERTE VERBUNDREINIGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE NETTOYAGE COMPOSITE TEXTURÉ

Publication  
**EP 2442705 A1 20120425 (EN)**

Application  
**EP 10727605 A 20100614**

Priority  
• US 2010038545 W 20100614  
• US 18713909 P 20090615

Abstract (en)  
[origin: WO2010147909A1] A multi-material composite, the materials being positioned at raised regions (120/220/320/420) and recessed regions (130/230/330/430) on the working surface (110/210/310,315/410), provides a cleaning device (100/200/300/400) with both scouring and wiping on a single surface. By recessing certain material (s) from the working surface, the user can control, with pressure, the extent to which the recessed region makes contact with a surface to be cleaned (170/270). The composite may have at least a first substrate (140/240/340/440) that is a compressible material, and a second substrate (150/250/350/450) that is a compressible material.

IPC 8 full level  
**A47L 13/16** (2006.01)

CPC (source: EP US)  
**A47L 13/16** (2013.01 - EP US); **A47L 17/08** (2013.01 - EP US)

Citation (search report)  
See references of WO 2010147909A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2010147909 A1 20101223**; EP 2442705 A1 20120425; US 2012090120 A1 20120419

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**US 2010038545 W 20100614**; EP 10727605 A 20100614; US 201013377108 A 20100614