

Title (en)  
CLEANING MATERIAL AND METHOD FOR ITS MANUFACTURE

Publication  
**EP 0166060 B1 19880921 (FR)**

Application  
**EP 84402208 A 19841105**

Priority  
• GB 8416344 A 19840627  
• EP 85402208 A 19851115

Abstract (en)  
[origin: US4645699A] A cleaning material constituted of a non-woven web of fibers having ends and/or loops protruding from one face thereof, and obtained by needle-punching a web containing a mixture of at least two fibers, one of which has a weight of at least 100 decitex and the other a weight equal to or less than 30 decitex. The cleaning material may be bonded to a porous body, for example, by an intermediate layer to constitute a cleaning pad.

IPC 1-7  
**A47L 17/08**; D04H 1/46; D04H 11/08

IPC 8 full level  
**A47L 13/16** (2006.01); **D04H 1/4291** (2012.01); **D04H 1/4334** (2012.01); **D04H 1/435** (2012.01); **D04H 1/46** (2012.01); **D04H 1/74** (2006.01); **D06M 23/04** (2006.01)

CPC (source: EP US)  
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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 4645699 A 19870224**; AU 591728 B2 19891214; AU 6537386 A 19870521; DE 3474105 D1 19881027; DE 3567919 D1 19890302; EP 0166060 A2 19860102; EP 0166060 A3 19861120; EP 0166060 B1 19880921; EP 0222955 A1 19870527; EP 0222955 B1 19890125; ES 2003931 A6 19881201; GB 2162213 A 19860129; GB 2162213 B 19870617; GB 8416344 D0 19840801; ZA 854803 B 19860430

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**US 74801785 A 19850624**; AU 6537386 A 19861117; DE 3474105 T 19841105; DE 3567919 T 19851115; EP 84402208 A 19841105; EP 85402208 A 19851115; ES 8603047 A 19861114; GB 8416344 A 19840627; ZA 854803 A 19850626