

Title (en)  
FLAT FLOOR-MOP-TYPE COVERING

Title (de)  
FLACHWISCHBEZUG

Title (fr)  
GARNITURE DE TYPE SERPILLIERE

Publication  
**EP 0929251 B1 20010404 (DE)**

Application  
**EP 97910354 A 19970925**

Priority  
• DE 19641079 A 19961004  
• EP 9705258 W 19970925

Abstract (en)  
[origin: US6233777B1] The invention concerns a flat floor-mop-type covering for cleaning floors, with a cover sheet which, on the upper surface, comprises pockets for securing it to a mounting and, in the central region of the lower surface, loops or strands. Strands are disposed on both sides of a seam of a peripheral strand strip. In this respect, the inner strands are short enough to insure that when they swell owing to the effect of moisture, they bend through approximately 90° in the direction of the surface to be wiped and form a type of brush ring.

IPC 1-7  
**A47L 13/20**

IPC 8 full level  
**A47L 13/20** (2006.01)

CPC (source: EP US)  
**A47L 13/20** (2013.01 - EP US)

Citation (examination)  
DE 4427107 A1 19960201 - HENKEL ECOLAB GMBH & CO OHG [DE]

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)  
**US 6233777 B1 20010522**; AT E200205 T1 20010415; DE 19641079 A1 19980416; DE 19641079 C2 19980910; DE 59703305 D1 20010510; DK 0929251 T3 20010813; EP 0929251 A1 19990721; EP 0929251 B1 20010404; ES 2155672 T3 20010516; GR 3035705 T3 20010731; NO 991603 D0 19990331; NO 991603 L 19990331; PT 929251 E 20010731; WO 9815221 A1 19980416

DOCDB simple family (application)  
**US 26999699 A 19990504**; AT 97910354 T 19970925; DE 19641079 A 19961004; DE 59703305 T 19970925; DK 97910354 T 19970925; EP 9705258 W 19970925; EP 97910354 A 19970925; ES 97910354 T 19970925; GR 20010400553 T 20010405; NO 991603 A 19990331; PT 97910354 T 19970925