

Title (en)  
FLOOR MOP

Title (de)  
BODENWISCHER

Title (fr)  
BALAI DE NETTOYAGE DE SOLS

Publication  
**EP 1335658 A1 20030820 (DE)**

Application  
**EP 01997245 A 20011123**

Priority  
• DE 10058510 A 20001124  
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• EP 0113670 W 20011123

Abstract (en)  
[origin: US2004060140A1] A floor mop has two mop supporting wings (5) which carry an absorbent mop layer (6) and are hinge-connected to a common supporting centerpiece (3). A mop handle (1) is hinge-mounted to the supporting centerpiece (3) via a Cardan joint (2). A squeezing slider (9) which is displaceable along the mop handle (1) and is guided non-rotatably has two rigid squeezing arms (11) whose ends (11a) can each be brought into engagement with a guide surface (17) on the back side of the respectively assigned mop supporting wings (5) via rollers (12). Each mop supporting wing (5) forms a rectangular trapezium or triangle. The edges running at right angles to the hinge edge of each mop supporting wing (5) form a common straight continuous front edge.

IPC 1-7  
**A47L 13/146**

IPC 8 full level  
**A47L 13/146** (2006.01)

CPC (source: EP US)  
**A47L 13/146** (2013.01 - EP US); **A47L 13/258** (2013.01 - EP US)

Citation (search report)  
See references of WO 0241744A1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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**US 2004060140 A1 20040401**; **US 7469441 B2 20081230**; AT E356575 T1 20070415; AU 2189102 A 20020603; CA 2429640 A1 20020530; CA 2429640 C 20070213; CN 1206957 C 20050622; CN 1481226 A 20040310; DE 50112200 D1 20070426; EP 1335658 A1 20030820; EP 1335658 B1 20070314; ES 2281464 T3 20071001; HK 1059722 A1 20040716; WO 0241744 A1 20020530

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**US 43265203 A 20030922**; AT 01997245 T 20011123; AU 2189102 A 20011123; CA 2429640 A 20011123; CN 01821018 A 20011123; DE 50112200 T 20011123; EP 0113670 W 20011123; EP 01997245 A 20011123; ES 01997245 T 20011123; HK 04102716 A 20040417