

Title (en)  
**MOPPING DEVICE**

Publication  
**EP 0380765 B1 19920513 (DE)**

Application  
**EP 89120062 A 19891028**

Priority  
DE 3903162 A 19890203

Abstract (en)  
[origin: EP0380765A1] The mopping device comprises a handle (1), a bearing plate (2) and a mopping element (3) of flexible design which is fixed to the underside of the bearing plate (2), the bearing plate (2) and the handle (1) being connected by a universal joint (8), and the bearing plate (2) consisting of a central piece (4) and two side pieces (5) which can be swivelled about swivel joints (6) against the underside of the central piece (4) by means of a swivel device (5). The swivel device (5) comprises a traction apparatus (7) which is guided through the universal joint (8) and past the underside of the swivel joints (6) to the side pieces (5) and is fixed to the latter.

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

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

CPC (source: EP)  
**A47L 13/146** (2013.01)

Cited by  
FR2775580A1; CN111200983A

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0380765 A1 19900808; EP 0380765 B1 19920513**; AT E75930 T1 19920515; CA 2009099 A1 19900803; CA 2009099 C 19950815; DE 3903162 A1 19900809; DE 3903162 C2 19910801; DE 58901424 D1 19920617; DK 171909 B1 19970811; DK 20890 A 19900804; DK 20890 D0 19900125; ES 2031674 T3 19921216; FI 87981 B 19921215; FI 87981 C 19930325; FI 896127 A0 19891220; GR 3005321 T3 19930524; NO 173427 B 19930906; NO 173427 C 19931215; NO 894726 D0 19891127; NO 894726 L 19900806; PT 93036 A 19911015; PT 93036 B 19960131

DOCDB simple family (application)  
**EP 89120062 A 19891028**; AT 89120062 T 19891028; CA 2009099 A 19900201; DE 3903162 A 19890203; DE 58901424 T 19891028; DK 20890 A 19900125; ES 89120062 T 19891028; FI 896127 A 19891220; GR 910402112 T 19920731; NO 894726 A 19891127; PT 9303690 A 19900201