

Title (en)
FLOOR WIPER

Publication
EP 0273951 B1 19901024 (DE)

Application
EP 87904387 A 19870625

Priority
• DE 3622291 A 19860703
• DE 3638178 A 19861108

Abstract (en)
[origin: WO8800019A1] Floor wiper provided with a support for carrying a cover having on its underside a plurality of fringes or similar or for carrying a raised pile washing cover or similar, which floor wiper consists of two arms and a central portion. The two arms of the support are pivotally connected, at their mutually facing ends, with the central portion, and the central portion is provided with a handle support arranged in the middle thereof. In order to produce a floor wiper of said type, which is not only easily produced and assembled but also ensures rapid, clean and safe handling with regard to the application and removal of the fringe-coated cover, the central portion (7) has a bottom plate (9) pivotally linked with the two arms (5, 6) to which a support plate (11) is attached on which a spring disc (14) is rotatably arranged, on which is located a clamping disc (18) linked with said disc, to which clamping disc is secured the handle support (28), whereby tension springs (25) provided on the top of the two arms (5, 6) are inserted in a groove (17) or similar on the spring disc (14) in order to tension said arms.

IPC 1-7
A47L 13/258

IPC 8 full level
A47L 13/258 (2006.01)

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

Designated contracting state (EPC)
BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
DE 3638178 A1 19880511; AU 7702387 A 19880129; BR 8707374 A 19880913; DE 3765762 D1 19901129; DK 98988 A 19880225; DK 98988 D0 19880225; EP 0273951 A1 19880713; EP 0273951 B1 19901024; JP H01500173 A 19890126; US 4807323 A 19890228; WO 8800019 A1 19880114

DOCDB simple family (application)
DE 3638178 A 19861108; AU 7702387 A 19870625; BR 8707374 A 19870625; DE 3765762 T 19870625; DK 98988 A 19880225; EP 8700343 W 19870625; EP 87904387 A 19870625; JP 50403687 A 19870625; US 16381188 A 19880218