

Title (en)
Multi-purpose cleaning implement.

Title (de)
Mehrzweck-Reinigungsgerät.

Title (fr)
Instrument de nettoyage plurifonctionnel.

Publication
EP 0074525 A1 19830323 (DE)

Application
EP 82107736 A 19820824

Priority
DE 3136401 A 19810914

Abstract (en)
1. Multi-purpose cleaning implement (1) for surfaces such as windows, floors, et cetera, having a wiper head (2) with plug-on handle (3) which carries a resilient squeegee blade (4) at its end and is additionally provided with a device (5) for the selective housing of different cleaning tools (6) (sponge, brush, for example), characterised in that beside a housing channel (9) for the squeegee blade (4), a sliding shaft (10) oriented approximately parallel thereto is provided for the cleaning tool (6) to be selectively housed, whilst the active part (16) of the cleaning tool (6) is retained in a retaining part (18, 34, 32) and the latter clampingly in the sliding shaft (10).

Abstract (de)
Mehrzweck-Reinigungsgerät mit Wischlippe (4) und über eine Klemmschiebehalterung (7, 8) wahlweise einsetzbare zusätzliche Reinigungswerkzeuge (16).

IPC 1-7
A47L 1/06

IPC 8 full level
A47L 1/06 (2006.01); **A47L 13/17** (2006.01)

CPC (source: EP)
A47L 1/06 (2013.01); **A47L 13/17** (2013.01)

Citation (search report)
• [A] DE 7536307 U 19760318
• [A] FR 2148337 A1 19730323 - GESRET PIERRE [FR]
• [AD] DE 7830211 U1 19790201
• [AD] DE 7637585 U1 19770512

Cited by
US5448793A; US5666685A; US7409740B1; EP0672376A3; US5371914A; EP4039163A1; WO2018036617A1; WO9326148A1

Designated contracting state (EPC)
BE FR IT NL

DOCDB simple family (publication)
EP 0074525 A1 19830323; EP 0074525 B1 19850130; DE 3136401 A1 19830331; DE 3136401 C2 19830707

DOCDB simple family (application)
EP 82107736 A 19820824; DE 3136401 A 19810914