

Title (en)

Holding device for a cleaning implement.

Title (de)

Vorrichtung zur lösbaren Befestigung eines Reinigungsgerätes.

Title (fr)

Dispositif d'attache pour élément de nettoyage.

Publication

**EP 0556539 A1 19930825**

Application

**EP 92890252 A 19921201**

Priority

AT 22992 A 19920211

Abstract (en)

A device for the releasable attachment of a cleaning implement, such as a brush (3), between two jaws (11, 21) or the like which can be moved towards one another. In this case, the two jaws (11, 21) or the like, which are connected to one another so that they can spring apart elastically, are penetrated by a bolt (6) constructed with a pivoting arm (5), in which case they can be clamped with the cleaning implement (3) in a first position of the pivoting arm (5), whereas they spring apart in a second position of the pivoting arm (5), as a result of which the cleaning implement (6) can be released from said jaws or inserted between them. <IMAGE>

Abstract (de)

Vorrichtung zur lösbaren Befestigung eines Reinigungsgerätes, wie einer Bürste (3), zwischen zwei gegeneinander beweglichen Backen (11, 21) od.dgl. Dabei sind die beiden Backen (11, 21) od.dgl., welche miteinander elastisch auseinanderfedernd verbunden sind, von einem mit einem Schwenkarm (5) ausgebildeten Bolzen (6) durchsetzt, wobei sie in einer ersten Lage des Schwenkarmes (5) mit dem Reinigungsgerät (3) verspannbar sind, wogegen sie in einer zweiten Lage des Schwenkarmes (5) auseinanderfedern, wodurch das Reinigungsgerät (6) von ihnen lösbar bzw. zwischen diese einsetzbar ist. <IMAGE>

IPC 1-7

**A47L 13/46**

IPC 8 full level

**A47L 13/10** (2006.01); **A47L 13/46** (2006.01)

CPC (source: EP US)

**A47L 13/46** (2013.01 - EP US)

Citation (search report)

- [X] GB 215124 A 19240508 - GEORGE PINE
- [X] CH 85054 A 19200501 - FRAU ELISABETH JOHNSEN GEB VON [DE]
- [X] US 1478339 A 19231218 - JAYNE WADE H
- [A] GB 372558 A 19320512 - ROBERT BAYLEY SIDEBOTTOM
- [A] CH 170012 A 19340630 - SUMI ALBERT [CH]

Cited by

US7313843B2; WO03032800A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**US 5333344 A 19940802**; AT 402472 B 19970526; AT A22992 A 19961015; AT E163256 T1 19980315; DE 59209200 D1 19980326; EP 0556539 A1 19930825; EP 0556539 B1 19980218; JP H05337070 A 19931221

DOCDB simple family (application)

**US 99671792 A 19921224**; AT 22992 A 19920211; AT 92890252 T 19921201; DE 59209200 T 19921201; EP 92890252 A 19921201; JP 3734293 A 19930203