

Title (en)
Foldable mop frame.

Title (de)
Klappbarer Wischrahmen eines Fussbodenwischers.

Title (fr)
Armature pliante pour balai.

Publication
EP 0050801 A1 19820505 (DE)

Application
EP 81108349 A 19811015

Priority
• DE 3039938 A 19801023
• DE 3109390 A 19810312

Abstract (en)
1. Wiper frame of a floor cleaner with stirrup-shaped frame parts (3, 5), which are to be plugged into the pockets at the end side of a replacement cover and of which the one (3) is located in the plane of a firm carrier plate (1) equipped with a shank sleeve (7), which is cardanically fastened on a bearing shaft (10), which extends pivotably about the longitudinal frame axis (9) and is retained in at least two bearings (8) connected with the frame part (3) and the other (5) is to be tilted about bearings (4), which are fastened on the carrier plate (1) and displaced through 90 degrees to the bearings (8) of the bearing shaft (10), and to be located with the aid of blocking device in extended setting pivoted into the plane of the carrier plate (1), characterised by a stirrup (15, 21) coupled with the bearing shaft (21) and having a substantially semicircularly shaped receptacle, which is displaced through about 90 degrees to the longitudinal axis (9) of the bearing shaft (10), for a free limb (16), which is to be fixed in the extended setting with the stirrup (15, 21) and bent round to be about parallel to the longitudinal axis (9), of the frame part (5) to be tilted.

Abstract (de)
Der Wischrahmen besteht aus zwei an eine Trägerplatte (1) angesetzten Rahmenteil (3, 5), von denen das eine (5) um eine quer zur Längsrichtung (9) des Rahmens verlaufende Querachse (11) an der Trägerplatte (1) arretierbar gelagert ist. Das Arretieren soll allein durch Schwenken des an einer in zwei Lagern (8) an der Trägerplatte (1) befestigten und im wesentlichen parallel zu der Längsrichtung (9) verlaufenden Lagerwelle (10) kardanisch angesetzten Stiel (14) zu bewirken sein. Erreicht wird das durch einen mit der Lagerwelle (10) gekoppelten Bügel (21) der im für die Anwendung vorgesehenen Schwenkbereich des Stiels (14) einen Schenkel (16) des zu klappenden Rahmenteils (5) umfaßt.

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IPC 8 full level
A47L 13/253 (2006.01)

CPC (source: EP)
A47L 13/253 (2013.01)

Citation (search report)
• EP 0017208 A1 19801015 - HENKEL KGAA [DE]
• DE 2551678 A1 19770602 - NWG NORD WEST GEBAEUDEREINIGUN
• US 1420639 A 19220627 - STURGIS HERBERT M

Cited by
CN106725120A; EP0596336A1; EP0673619A1; CN106805847A; US9750386B2

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