

Title (en)

Brush holder made of plastics and corresponding one piece brush holder with facilitated brush mounting.

Title (de)

Bürstenhalter aus Kunststoff und entsprechende einstückige Bürstenhaltereinheit mit vereinfachter Montage.

Title (fr)

Porte-balai en matière plastique et ensemble porte-balais monobloc correspondant, avec montage de balai facilité.

Publication

**EP 0607098 A1 19940720 (FR)**

Application

**EP 94420009 A 19940111**

Priority

FR 9300550 A 19930114

Abstract (en)

Brush holder (1), intended to contain a brush (2) consisting of a wiper block (3), of a spring (4) and of an electrically conducting braid (5), comprising a means (6) for guiding the said brush (2), and a means (7, 7o) for locking the said spring, making it possible, in the "open" state (7o), to insert the said brush (2) into the said guiding means (6) and then, in the "closed" state (7f), to lock the said spring (4) in the compressed state, characterised in that the said brush holder (1) is obtained by moulding a plastic, is constituted by the said guiding means (6) and the said locking means in the "open" state (7o), the said locking means (7o) being fixed to the said guiding means (6) by at least one plastic bridge (8) making possible the subsequent switching (tilting) of the said locking means into the "closed" state (7f). Brush-holder assembly (12) comprising brush holders according to the invention, the assembly being or not being loaded with brushes. <IMAGE>

Abstract (fr)

Porte-balai (1), destiné à contenir un balai (2) constitué d'un bloc frotteur (3), d'un ressort (4) et d'une tresse conductrice électrique (5), comprenant un moyen de guidage (6) dudit balai (2), et un moyen de verrouillage (7, 7o) dudit ressort, permettant à l'état "ouvert" (7o) l'introduction dudit balai (2) dans ledit moyen de guidage (6), puis, à l'état "fermé" (7f), le blocage dudit ressort (4) à l'état comprimé, caractérisé en ce que ledit porte-balai (1) est obtenu par moulage d'une matière plastique, est constitué par ledit moyen de guidage (6) et ledit moyen de verrouillage à l'état "ouvert" (7o), ledit moyen de verrouillage (7o) étant fixé audit moyen de guidage (6) par au moins un pont de matière plastique (8) permettant le basculement ultérieur dudit moyen de verrouillage à l'état "fermé" (7f). Ensemble porte-balais (12) comprenant des porte-balais selon l'invention chargé ou non de balais. <IMAGE>

IPC 1-7

**H01R 39/40**

IPC 8 full level

**H01R 39/40** (2006.01); **H02K 5/14** (2006.01); **H02K 13/00** (2006.01)

CPC (source: EP)

**H01R 39/40** (2013.01)

Citation (search report)

- [A] FR 2558012 A1 19850712 - ELECTRO MEC NIVERNAIS [FR]
- [A] GB 2224166 A 19900425 - JOHNSON ELECTRIC IND MFG [HK]
- [DA] FR 2612005 A1 19880909 - LORRAINE CARBONE [FR], et al
- [A] US 4845396 A 19890704 - HUBER DUANE J [US]
- [A] US 4801833 A 19890131 - DYE CLIFFORD L [US]
- [A] US 4746828 A 19880524 - NADO WILLARD [US], et al

Cited by

EP0762550A3

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

**EP 0607098 A1 19940720**; FR 2700423 A1 19940713; FR 2700423 B1 19950303; JP H06245434 A 19940902

DOCDB simple family (application)

**EP 94420009 A 19940111**; FR 9300550 A 19930114; JP 248994 A 19940114