

Title (en)

Automatic loader of ferrules for brushes and relative method to feed ferrules

Title (de)

Automatische Zufuhrvorrichtung für Bürstenendhülse und entsprechendes Verfahren

Title (fr)

Dispositif d'alimentation automatique d'embouts de brosses et procédé correspondant

Publication

**EP 1142506 A3 20020522 (EN)**

Application

**EP 01108263 A 20010402**

Priority

IT UD20000066 A 20000405

Abstract (en)

[origin: EP1142506A2] Automatic loader (10) of ferrules (11) and relative method to feed ferrules (11) to be fed one at a time to a station (27) to assemble brushes (12), said ferrules (11) consisting of a ring including means able to define a correct assembly position, said loader (10) including a feed assembly (19) equipped with a basket (20) comprising at least a guide channel (23) associated with a first conveyor belt (30), said loader comprising optical detection means (29) to detect the orientation of the ferrules (11) connected to a control unit (31), and means (24) to pick up the ferrules (11) governed by said control unit (31), said pick-up means (24) being able to pick up at least incorrectly oriented ferrules (11b) from said first belt (30) to deposit them on a discharge belt (25) after having rotated them into the correct position. <IMAGE>

IPC 1-7

**A46D 3/08**

IPC 8 full level

**A46D 3/08** (2006.01)

CPC (source: EP)

**A46D 3/08** (2013.01)

Citation (search report)

- [Y] EP 0839473 A2 19980506 - POLESE GIOVANNI AUTOMATION SRL [IT]
- [Y] DE 19742324 A1 19990401 - ZAHORANSKY ANTON GMBH & CO [DE]
- [Y] US 4909376 A 19900320 - HERNDON DONNIE [US], et al
- [Y] DE 19804830 A1 19990812 - ZAHORANSKY ANTON GMBH & CO [DE]
- [A] DE 3424681 A1 19860206 - ZAHORANSKY ANTON FA [DE]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1142506 A2 20011010; EP 1142506 A3 20020522**; IT 1315016 B1 20030127; IT UD20000066 A1 20011005

DOCDB simple family (application)

**EP 01108263 A 20010402**; IT UD20000066 A 20000405