

Title (en)

Articulated end of the handle of a cleaning implement.

Title (de)

Gelenkkopf für den Stiel eines Reinigungsgerätes.

Title (fr)

Tête articulée du manche d'ustensiles de nettoyage.

Publication

EP 0095733 A1 19831207 (DE)

Application

EP 83105210 A 19830526

Priority

DE 3220479 A 19820529

Abstract (en)

1. Articulated head with a handle (2) for receiving a cleaning appliance (9), with a device for adjusting the cleaning appliance (9) relative to the working surface so that its angle can be varied and it can be locked in the desired position, characterized in that the device is formed as a result of the fact that at the end (1) of the handle (2) a toothed-disc part (3) with external toothing (4) and a matching mounting (5) in the form of a spherical cup for a sleeve nut (6) and a threaded part (8) on one side as a connection to a cleaning appliance, in which is formed on the other side a toothed-quadrant part (10) with internal toothing (11) are provided, and the toothed-disc part (3) can be pivoted relative to the toothed-quadrant part (10) in a plane lying in the longitudinal axis and can be locked by means of the sleeve nut (6).

Abstract (de)

Gelenkkopf zwischen einem Reinigungsgerät, wie zum Beispiel Fensterwischer und einem Stiel zur winkelveränderlichen Einstellung des Reinigungsgerätes (9) gegenüber einer Arbeitsfläche mit einem Zahnscheibenteil (3) mit Außenverzahnung (4) sowie einem Zahnsegmentteil (10) mit Innenverzahnung (11), die über eine Überwurfmutter (6) miteinander kraftschlüssig, dabei die Einzelteile abdeckend, verbunden sind.

IPC 1-7

B25G 3/38

IPC 8 full level

B25G 3/38 (2006.01)

CPC (source: EP)

B25G 3/38 (2013.01)

Citation (search report)

- [X] DE 3006651 A1 19810827 - MESENHOELLER HANS
- [A] GB 863559 A 19610322 - OSCAR RICHARD EDWARD BRUCE
- [A] US 3375044 A 19680326 - PETERSON ARNOLD M
- [A] DE 40333 C
- [A] DD 8948 A
- [AD] DE 7224639 U

Cited by

EP0430846A1; US5452752A; CN103747924A; CN103781599A; GB2258807A; EP0263456A1; JPH01501045A; GB2301307A; GB2301307B; EP0672375A1; WO8802615A1; WO9419148A1; US9126323B2; US9138886B2; US10232503B2; WO2013028722A1; WO2013028723A1; WO2013028724A1

Designated contracting state (EPC)

AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0095733 A1 19831207; EP 0095733 B1 19860129; AT E17671 T1 19860215; DE 3220479 A1 19831201; DE 3220479 C2 19850425

DOCDB simple family (application)

EP 83105210 A 19830526; AT 83105210 T 19830526; DE 3220479 A 19820529