

Title (en)
An improved cleaning device.

Title (de)
Reinigungsgerät.

Title (fr)
Instrument de nettoyage.

Publication
EP 0461684 B1 19941207 (EN)

Application
EP 91200678 A 19910326

Priority
IT 4162790 A 19900612

Abstract (en)
[origin: EP0461684A2] A cleaning device of the type known as cotton broom comprises an elongated handle, a supporting frame connected to said handle and a web (19) of fabric stretched over said supporting frame. The supporting frame is made up by three parts hinged together, that is two arms (1, 2) and a central member (3) provided with an attachment (9, 10) for a broomstick (48). Under working conditions the three parts (1, 2 and 3) maintain a coplanar relationship thanks to the mating of a number of portions having reduced thickness (30-31; 32-33; 34-35) and of snap means (4, 5). In order to wash, rinse or replace the fabric, the side arms (1, 2) that are hinged to the central flat member (3) are released from the snap means (4, 5) and rotate downward in such a way that the fabric (19) hangs loose and can be rinsed and squeezed. <IMAGE>

IPC 1-7
A47L 13/258

IPC 8 full level
A47L 13/258 (2006.01)

CPC (source: EP)
A47L 13/258 (2013.01)

Cited by
EP0858765A1; EP1097667A1; DE9402579U1; US5926896A; US2021169302A1; US5442830A; EP0663178A1; ES2190843A1; US8356379B2; WO9409692A1

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AT DE FR

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EP 0461684 A2 19911218; EP 0461684 A3 19920212; EP 0461684 B1 19941207; AT E114943 T1 19941215; DE 69105631 D1 19950119; DE 69105631 T2 19950420; IT 1243501 B 19940616; IT 9041627 A0 19900612; IT 9041627 A1 19911212

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