

Title (en)  
Surfaces cleaning assembly.

Title (de)  
Oberflächenreinigungsgerät.

Title (fr)  
Dispositif de nettoyage de surfaces.

Publication  
**EP 0584438 A1 19940302 (EN)**

Application  
**EP 92830460 A 19920828**

Priority  
EP 92830460 A 19920828

Abstract (en)  
A cleaning assembly, in particular, but not exclusively, for cleaning substantially flat surfaces, such as floors, windows-panes, walls and the like, comprising an elongated cleaning member (1) joinable with dragging means. The dragging means comprises a plate (10) pivotally fastened (12) to a stick (11) and engageable within a box (5) provided with an upper opening (7) crossed by the stick (11) and having lower bent edges (4) engaging with longitudinal slots (3) made in the cleaning member (1). The latter comprises at least two cleaning portions (2a, 2b), separated by the slots (3) and one of which (2a), in turn, is housed in the box (5) between said plate (10) and said edges (4). The cleaning member (1) can be wringed by pressing the plate (10), by means of the stick (11), against the portion (2b) which is housed in the box (5). The cleaning surface of the cleaning member (1) can be changed after extracting and turning it in order to insert a portion (2a) inside and leave the other portion (2b) outside the box. For wringing the cleaning member (1) a squeezing basket (32) is provided, having side bent borders (33) which can be put on the upper borders (34a) of a container (34) of cleaning liquid (35). <IMAGE>

IPC 1-7  
**A47L 13/46**; **A47L 13/257**

IPC 8 full level  
**A47L 13/257** (2006.01); **A47L 13/46** (2006.01); **A47L 13/58** (2006.01)

CPC (source: EP)  
**A47L 13/257** (2013.01); **A47L 13/46** (2013.01); **A47L 13/58** (2013.01)

Citation (search report)  
• [Y] US 2577496 A 19511204  
• [Y] US 4077083 A 19780307 - SIEMUND HERBERT A, et al  
• [Y] US 2475027 A 19490705 - ANDREW JOHNSON JOHN  
• [Y] US 3012265 A 19611212 - COURTENAY CHARLES R  
• [A] FR 2474854 A1 19810807 - SPONTEX SA [FR]  
• [A] US 1507474 A 19240902 - FRANK ETTER JOHN  
• [A] GB 1286784 A 19720823 - SCHLEGEL MFG CO [US]  
• [A] FR 1389562 A 19650219

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR LI NL PT SE

DOCDB simple family (publication)  
**EP 0584438 A1 19940302**

DOCDB simple family (application)  
**EP 92830460 A 19920828**