

Title (en)  
CLEANER

Title (de)  
REINIGUNGSGERÄT

Title (fr)  
APPAREIL NETTOYEUR

Publication  
**EP 0993265 A1 20000419 (DE)**

Application  
**EP 98940138 A 19980703**

Priority  
• DE 19728441 A 19970703  
• EP 9804140 W 19980703

Abstract (en)  
[origin: DE19728441C1] The two drums (2,3) rotate in opposite directions on parallel axes in the frame (1), on which is a push-handle (8). The handle protrudes from the frame in the direction of the axes of rotation of the drums, and turns on an axis parallel to those of the latter together with the frame. At its end furthest from the latter, the handle can have grips (12) at right angles to it, these being symmetrically situated in relation to a vertical plane between and parallel to the drum axes.

IPC 1-7  
**A47L 11/40**; A47L 9/32; B25G 3/38

IPC 8 full level  
**A47L 9/32** (2006.01); **A47L 11/18** (2006.01); **A47L 11/24** (2006.01); **A47L 11/282** (2006.01); **A47L 11/32** (2006.01); **A47L 11/40** (2006.01); **B25G 3/38** (2006.01)

CPC (source: EP US)  
**A47L 11/24** (2013.01 - EP US); **A47L 11/32** (2013.01 - EP US); **A47L 11/4061** (2013.01 - EP US); **A47L 11/4075** (2013.01 - EP US)

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See references of WO 9901062A1

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