

Title (en)

Device and cleaning pad for cleaning or treating surfaces or for applying media to surfaces

Title (de)

Vorrichtung und Reinigungstuch zum Reinigen oder Behandeln von Flächen oder zum Anbringen von Produkten auf Flächen

Title (fr)

Appareil et tampon nettoyant pour le nettoyage et le traitement de surfaces ou pour appliquer des produits sur des surfaces

Publication

EP 1190657 A1 20020327 (EN)

Application

EP 00120524 A 20000920

Priority

EP 00120524 A 20000920

Abstract (en)

The present invention relates to a device (1, 1', 1'') for cleaning or treating surfaces such as inner surfaces of a toilet bowl with a handle (8, 8', 8''), a grip portion (2, 2') and a cleaning head (3, 3', 3''), and a cleaning pad (4, 4') being removably attachable to the device (1, 1', 1''). The device comprises attachment means (5, 5', 5'') operable, in use, to attach and/or release a cleaning pad (4, 4'), the attachment means (5, 5', 5'') being operable from the upper part such that manual handling of the pad (4, 4') and/or the cleaning head (3, 3', 3'') is avoided. <IMAGE>

IPC 1-7

A47K 11/10

IPC 8 full level

A47K 11/10 (2006.01)

CPC (source: EP US)

A47K 11/10 (2013.01 - EP US)

Citation (search report)

- [X] DE 3526085 C1 19870326 - KUEGLER MANFRED DIPL-ING, et al
- [XY] US 5630243 A 19970520 - FEDERICO VERA L [US], et al
- [X] US 1681967 A 19280828 - ZORN JOHN B
- [X] US 4031673 A 19770628 - HAGELBERG ANDERS TORVALD SVERK
- [XAY] US 3225375 A 19651228 - ATKINSON RALPH L, et al

Cited by

WO2016209899A1; US7566491B2; WO02056743A1; WO2007012210A3; WO2005034705A1; US7146676B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1190657 A1 20020327; AU 1391602 A 20020402; EP 1318745 A1 20030618; US 2004093678 A1 20040520; WO 0224045 A1 20020328

DOCDB simple family (application)

EP 00120524 A 20000920; AU 1391602 A 20010914; EP 0110643 W 20010914; EP 01982289 A 20010914; US 38058003 A 20030916