

Title (en)
FLAT MOP DEVICE

Title (de)
FLACHE MOPPVORRICHTUNG

Title (fr)
BALAI A LAVER PLAT

Publication
EP 1835836 B1 20120222 (EN)

Application
EP 05706858 A 20050111

Priority
EP 2005000169 W 20050111

Abstract (en)
[origin: WO2006074687A1] The invention relates to a flat mop device, comprising a mop frame (1), a cushioning pad at the underside of the mop frame (1), an easily removable mop head cover (4) covering the underside of the cushioning pad and adapted to be attached to the mop frame (1) during floor cleaning, wherein the mop head cover (4) is designed as a simple, thin, sheet-like material, in particular as a cloth of woven or non-woven fabric. This flat mop device is further improved in that the cushioning pad is formed as a removable standard flat mop cover (5) from woven or non-woven textile material with attachment means (6) on the upper side thereof for attachment to the mop frame (1), and the flat mop cover (5) is designed to have good retention properties for cleaning liquid, in particular water. Preferably, the flat mop cover (5) comprises, forming the main cleaning surface, a non-woven fabric of synthetic microfiber material with the fibers cut to a rather uniform average fiber-length of a few millimeters or less.

IPC 8 full level
A47L 13/20 (2006.01)

CPC (source: EP)
A47L 13/16 (2013.01); **A47L 13/20** (2013.01); **A47L 13/256** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006074687 A1 20060720; AT E546082 T1 20120315; DK 1835836 T3 20120430; EP 1835836 A1 20070926; EP 1835836 B1 20120222; EP 2359732 A1 20110824; EP 2359732 B1 20130619; PL 1835836 T3 20120731

DOCDB simple family (application)
EP 2005000169 W 20050111; AT 05706858 T 20050111; DK 05706858 T 20050111; EP 05706858 A 20050111; EP 11002425 A 20050111; PL 05706858 T 20050111