

Title (en)
Cleaning implement

Title (de)
Reinigungseinsatz

Title (fr)
Outil de nettoyage

Publication
EP 2204116 A3 20120801 (EN)

Application
EP 09176633 A 20091120

Priority
FI 20086251 A 20081230

Abstract (en)
[origin: EP2204116A2] The invention concerns a cleaning implement (10), which comprises a mop body (11), to which is articulated an arm (12), with which the mop body (11) can be moved when cleaning. The mop body (11) comprises a rocking body (14), which is articulated to it and which is articulated to turn around a geometric axis (X 1). The rocking body (14) comprises a first rocking body-half (A 1) and attaching means (16a 1 , 16a 2). The rocking body (14) also comprises a second rocking body-half (A 2) and attaching means (17a 1 , 17a 2), whereby the rocking body (14) can be placed in such a position, where a gap (K) is formed in between the rocking body (14) and the mop body (11), into which gap the cleaning device (M) can be placed. The rocking body (14) can be turned to an end position, in which the gap (K) is either closed or open. The attaching means (16a 1 , 16a 2) bring about the gap's (K) open position and the second attaching means (17a 1 , 17a 2) bring about the gap's (K) closed position, in which the rocking body (14) with its body-half (A 2) will press the cleaning device (M) against the mop body (11).

IPC 8 full level
A47L 13/256 (2006.01); **A47L 13/44** (2006.01)

CPC (source: EP FI)
A47L 13/256 (2013.01 - EP FI); **A47L 13/44** (2013.01 - EP)

Citation (search report)
• [X] WO 2007056100 A1 20070518 - 3M INNOVATIVE PROPERTIES CO [US]
• [I] EP 0287533 A2 19881019 - NERI ALESSANDRO
• [A] DE 4241596 A1 19930819 - FRIEB EDUARD GMBH [AT]

Cited by
RU2608697C2; DE102016000923A1; WO2012100845A3; WO2012100824A1; WO2012113489A1; DE102011012365A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2204116 A2 20100707; EP 2204116 A3 20120801; EP 2204116 B1 20180919; FI 122705 B 20120531; FI 20086251 A0 20081230; FI 20086251 A 20100701

DOCDB simple family (application)
EP 09176633 A 20091120; FI 20086251 A 20081230