

Title (en)
FLAT MOP

Title (de)
FLACHER MOPP

Title (fr)
BALAI PLAT

Publication
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Application
EP 16770325 A 20160916

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Abstract (en)
[origin: WO2017046601A1] The invention concerns the field of floor mops and in particular flat mops for mopping floor surfaces and which have detachable absorbent mopping layers and addresses problems of contamination and handling of mopping layers. In accordance with the invention there is provided a flat mop (11) comprising an elongate handle portion (14) attached to a flat mop head, the mop head comprising a generally central base plate (12), an upper side of the base plate being attached to a handle mount via a pivot mechanism (13), wherein the base plate is disposed between two horizontally extending co-planar side wings (21,22) to which a detachable mopping layer may be attached, wherein the side wings are movable one with respect to the other so as to articulate between the co-planar operative horizontal orientation in which they align with each other so as to retain a mopping layer extended between opposite ends of the wings and a folded orientation in which one wing is angled with respect to the other so that the separation between wing opposite ends is reduced thereby facilitating the detachment of the mopping layer or attachment of a new mopping layer, wherein the base plate includes a wing latching mechanism which holds the side wings in the horizontal orientation, but which includes at least one movable release member (23, 24) which may be displaced to permit the wings to adopt the folded orientation, and characterised in that a handle mount (15) comprises an actuation member (16) which is movable to approach the base plate to directly or indirectly displace the release member (23, 24) and permit folding of the side wings.

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