

Title (en)
Wringing device

Title (de)
Auswringvorrichtung

Title (fr)
Dispositif d'essorage

Publication
EP 1188407 A3 20060215 (DE)

Application
EP 01120470 A 20010828

Priority
DE 10045525 A 20000913

Abstract (en)
[origin: DE10045525C1] The attachment to wring out mops, and other wet/damp cleaning utensils, has a permeable holder (1) which fits on to a bucket for the mop to be pressed against it. The walls are spring sections (3) with a convex curvature, so that the pressure applied on the mop distorts them to increase the clear width, and the curvature is reduced. The spring wall sections give a funnel-shaped holder in the structure of a wringing basket (5), tapering downwards like a tulip glass. The holder is an injection molded polymer unit.

IPC 8 full level
A47L 13/58 (2006.01)

CPC (source: EP US)
A47L 13/58 (2013.01 - EP US)

Citation (search report)

- [X] FR 1426827 A 19660128
- [X] DE 1503753 A1 19690522 - COROMINAS MANUEL JALON
- [DA] EP 0489237 A1 19920610 - SCHLERF CORONET WERKE [DE]
- [A] US 2171387 A 19390829 - CHARLES CLEAVELAND

Cited by
US9161673B2; EP3626150A2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
DE 10045525 C1 20020207; CN 1298280 C 20070207; CN 1343478 A 20020410; DE 50114415 D1 20081127; EP 1188407 A2 20020320; EP 1188407 A3 20060215; EP 1188407 B1 20081015; ES 2312388 T3 20090301; PT 1188407 E 20081210; US 2002066152 A1 20020606; US 6823557 B2 20041130

DOCDB simple family (application)
DE 10045525 A 20000913; CN 01132993 A 20010913; DE 50114415 T 20010828; EP 01120470 A 20010828; ES 01120470 T 20010828; PT 01120470 T 20010828; US 96021301 A 20010921