

Title (en)

Wringer mop with removable mop head

Title (de)

Auswringbarer Mop mit austauschbarem Mopkopf

Title (fr)

Balai essorable à tête amovible

Publication

**EP 1142526 A1 20011010 (EN)**

Application

**EP 00126195 A 20001130**

Priority

US 51883000 A 20000306

Abstract (en)

A mop (10) has an angled handle (12) and a working end (24) with a pair of opposed rollers (30). An actuator (14) on the mop (10) can be moved between a replacement position, a wringing position, and an intermediate use position. When in the replacement position, a mop head (16) can be removably attached to the working end (24) of the handle (12) by sliding the mop head (16) sideways so an arm (82) on a connector (18) passes between a shoulder (72) and a bridge (70) on the mop head (16). The connector (18) has a loop (84) at its upper end, and is connected to a slotted mounting stem (48) on an actuator (14). The mop head (16) is also provided with a threaded aperture (74) and slots (76), allowing it to be used in other mops. <IMAGE>

IPC 1-7

**A47L 13/144; A47L 13/12**

IPC 8 full level

**A47L 13/12** (2006.01); **A47L 13/144** (2006.01)

CPC (source: EP US)

**A47L 13/12** (2013.01 - EP US); **A47L 13/144** (2013.01 - EP US)

Citation (search report)

- [XY] US 3727259 A 19730417 - WILSON F
- [X] US 5097561 A 19920324 - TORRES BONIFACIO [US]
- [X] DE 1293983 B 19690430 - OHG F LLI RE DI RE ENRICO E RE
- [YA] FR 2767465 A3 19990226 - FENG HSU HSIU [TW]
- [Y] CH 198085 A 19380615 - OBRIST ALBERT [CH]
- [YX] US 4908901 A 19900320 - TORRES BONIFACIO [US]
- [Y] US 5371917 A 19941213 - HOAGLAND MARY M [US]
- [X] GB 985124 A 19650303 - RE ENRICO, et al
- [A] US 1509731 A 19240923 - DUNCAN KEIR

Cited by

US6785927B2; US7334285B1; US7636979B1; US7584518B1; US7260864B1; WO2013068449A2; US8713742B2; US11930977B2

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