

Title (en)

Mixing device for tub

Title (de)

Fluid-Misch-Vorrichtung für eine Badewanne

Title (fr)

Dispositif de mélange de fluide pour une baignoire

Publication

**EP 1920750 A1 20080514 (EN)**

Application

**EP 07120217 A 20071107**

Priority

- JP 2006304660 A 20061110
- JP 2007124115 A 20070509
- JP 2007218069 A 20070824
- US 85809007 A 20070919

Abstract (en)

A fluid mixing apparatus configured to be connected to a tub, a liquid supply, and a gas supply, includes: a 1 st pressurable liquid-storing chamber for storing liquid and mixing gas into liquid; a 2 nd pressurable liquid-storing chamber for storing liquid and mixing gas into liquid; and a connection path connecting the 1 st and 2 nd liquid-storing chamber for supplying liquid from the 1 st liquid-storing chamber to the 2 nd liquid-storing chamber where the pressure inside the 2 nd liquid-storing chamber is lower than the pressure inside the 1 st liquid-storing chamber. The 2 nd liquid-storing chamber is disposed downstream of the 1 st liquid-storing chamber with respect to liquid flow.

IPC 8 full level

**A61H 33/02** (2006.01); **A61H 35/00** (2006.01)

CPC (source: EP)

**A61H 33/027** (2013.01); **A61H 33/60** (2013.01); **A61H 2033/0054** (2013.01); **A61H 2033/145** (2013.01); **A61H 2201/5007** (2013.01); **A61H 2201/5071** (2013.01); **A61H 2201/5087** (2013.01); **A61H 2201/5089** (2013.01); **A61H 2205/06** (2013.01)

Citation (search report)

- [X] JP 2004337846 A 20041202 - OKAZAKI TATSUO, et al
- [X] US 1893482 A 19330110 - BELT JOSEPH S
- [A] US 5288311 A 19940222 - FURUTANI HARUMASA [JP], et al
- [A] EP 1702604 A1 20060920 - MASUDA MASATOSHI [JP]

Cited by

CN113367959A

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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

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