

Title (en)
HAND WASHING DEVICE

Title (de)
HANDWASCHVORRICHTUNG

Title (fr)
DISPOSITIF DE LAVAGE DES MAINS

Publication
EP 3409850 A1 20181205 (EN)

Application
EP 17744299 A 20170126

Priority
• JP 2016014244 A 20160128
• JP 2017002662 W 20170126

Abstract (en)
Provided is a hand washing device with which malfunctions of a washing liquid dispenser can be prevented during hand washing without the need for a complex device structure. A hand washing device 1 comprises: a water discharger 10 that discharges water or hot water when an object is detected; and a washing liquid dispenser 20 that dispenses a washing liquid. The water discharger 10 includes: a water discharge port 12; a water discharge sensor 11 that detects an object within a detection range; and a water discharge control unit 16 that controls the discharge/cutoff of water or hot water from the water discharge port 12 on the basis of a detection signal of the water discharge sensor 11. The washing liquid dispenser 20 includes: a dispensing port 22; a washing liquid dispensing sensor 21 that detects an object within a detection range; and a washing liquid dispensing control unit 28 that controls the dispensing/cutoff of the washing liquid from the dispensing port on the basis of a detection signal of the washing liquid dispensing sensor. A sensor direction Y2, which is an emission direction of emission light that is emitted from the washing liquid dispensing sensor 21, is inclined further downward than a discharge direction X1 of water or hot water that is discharged from the water discharge port 12.

IPC 8 full level
E03C 1/05 (2006.01); **E03C 1/042** (2006.01); **E03C 1/046** (2006.01)

CPC (source: EP US)
E03C 1/0404 (2013.01 - US); **E03C 1/042** (2013.01 - US); **E03C 1/046** (2013.01 - EP US); **E03C 1/057** (2013.01 - EP US); **A47K 5/1217** (2013.01 - EP US); **A47K 10/48** (2013.01 - EP US); **A47K 2210/00** (2013.01 - EP US)

Designated contracting state (EPC)
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