

Title (en)

Automatic hand cleaning device and relevant process.

Title (de)

Automatische Handreinigungsvorrichtung und Verfahren.

Title (fr)

Appareil automatique pour se laver les mains et procédé associé.

Publication

EP 0396039 B1 19940907 (EN)

Application

EP 90108047 A 19900427

Priority

IT 2036889 A 19890503

Abstract (en)

[origin: EP0396039A1] The proposed device comprises a control block (2), having keys (2a) for setting the washing programme and the relevant times, as well as the temperature and the quantity of water delivered; a delivery spout (3); a pair of photoelectric cells (5); luminous indicators (6); a slot (12) for dispensing the paper; a roll of paper (14), whose sliding is operated by a motor; two containers (15, 16) for the detergent and the disinfectant, connected by means of ducts (17, 19), each provided with a pump (18, 20) to the spout (3); a boiler (21), provided with a thermostat (25) and connected to pipes (23, 24) for the water feed and outlet, each pipe (24) being provided with a solenoid valve (26, 27), the outlet pipe (24) being connected to the spout (3); a container (13) for collecting the paper used for drying, having an opening (10) closed with a swing door (11); a washing tank (7) provided with a drain (8). In addition, the relevant operative process is described.

IPC 1-7

A47K 1/00; **A47K 1/02**

IPC 8 full level

A47K 1/00 (2006.01); **A47K 1/04** (2006.01)

CPC (source: EP)

A47K 1/00 (2013.01); **A47K 1/04** (2013.01); **G08B 21/245** (2013.01); **A47K 2210/00** (2013.01)

Citation (examination)

FR 2595108 A1 19870904 - BALOUTCH ESSACQ [FR]

Cited by

GB2435490A; US5992430A; US5186360A; US5732422A; EP0927535A3; US5781942A; US6125482A; US6131587A; EP0848114A3; AU779457B2; US5765242A; GB2328867A; GB2304038B; GB2328867B; FR2866547A1; JP2018102356A; US9873559B2; EP0830482B1; WO9310311A1; WO2010142324A1; EP0758702A1

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