

Title (en)  
PERSONAL CLEANING SYSTEM

Title (de)  
PERSONENREINIGUNGSSANLAGE

Title (fr)  
INSTALLATION DE LAVAGE DE PERSONNES

Publication  
**EP 2672867 A2 20131218 (DE)**

Application  
**EP 11837296 A 20111228**

Priority  
• DE 202010013232 U 20101229  
• DE 2011002189 W 20111228

Abstract (en)  
[origin: WO2012097778A2] The invention relates a device for cleaning a human body. The aim of the invention is to provide a personal cleaning system which ensures cleaning of the person to be cleaned at predetermined body areas. In order to achieve said aim, a personal cleaning system having the features of claim 1 is proposed. The features of advantageous developments are specified in the subsidiary claims. The cleaning system according to the invention comprises a scanning unit for determining body dimensions, for example, the girth measurements such as height and breadth of the person to be cleaned, at least two mouldings having a body-size opening, wherein the opening corresponds to a pose, that is, a body position of the person to be cleaned, a conveying unit that conveys the person to be cleaned through the mouldings, wherein at least one of the mouldings contains adjustable spray nozzles, the spacing of which from the person to be cleaned is adjusted corresponding to the body dimensions of the person to be cleaned determined by the scanning unit.

IPC 8 full level  
**A47K 3/28** (2006.01); **A47K 10/48** (2006.01)

CPC (source: EP US)  
**A47K 3/28** (2013.01 - EP US); **A47K 7/04** (2013.01 - EP US); **A47K 10/48** (2013.01 - EP US)

Citation (search report)  
See references of WO 2012097778A2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 202010013232 U1 20110303**; CN 103635126 A 20140312; CN 103635126 B 20160921; DE 112011104664 A5 20140109;  
EP 2672867 A2 20131218; EP 2672867 B1 20160824; EP 2672867 B8 20161019; ES 2604139 T3 20170303; JP 2014509878 A 20140424;  
JP 5975403 B2 20160823; PL 2672867 T3 20170929; US 2013283516 A1 20131031; US 9386889 B2 20160712; WO 2012097778 A2 20120726;  
WO 2012097778 A3 20131114

DOCDB simple family (application)  
**DE 202010013232 U 20101229**; CN 201180063725 A 20111228; DE 112011104664 T 20111228; DE 2011002189 W 20111228;  
EP 11837296 A 20111228; ES 11837296 T 20111228; JP 2013546588 A 20111228; PL 11837296 T 20111228; US 201113976488 A 20111228