

Title (en)
SANITARY DISPENSER HAVING CAPACITIVE SENSOR

Title (de)
SANITÄRSPENDER MIT KAPAZITIVEM SENSOR

Title (fr)
DISTRIBUTEUR SANITAIRE À DÉTECTEUR CAPACITIF

Publication
EP 2421422 B1 20170607 (DE)

Application
EP 10717476 A 20100414

Priority
• AT 2010000102 W 20100414
• AT 6012009 A 20090420

Abstract (en)
[origin: WO2010121276A1] A sanitary dispenser (1), particularly a paper or towel dispenser, comprising a housing (9), in which a sanitary product (8) to be dispensed and a discharge unit (12) for the sanitary product (8) to be dispensed can be arranged or are arranged, and an electric motor (17) for the discharge unit (12), the motor being activatable in a non-contact manner by a capacitive sensor (10) from outside of the housing, wherein the sensor capacitance (Cs) of the capacitive sensor (10) is formed by a planar electrode (11) arranged inside the housing and by the surface of a body part (21) and/or an object arranged outside of the housing.

IPC 8 full level
A47K 5/12 (2006.01); **A47K 10/36** (2006.01)

CPC (source: EP US)
A47K 5/1217 (2013.01 - EP US); **A47K 10/3625** (2013.01 - EP US); **A47K 2010/3668** (2013.01 - EP US); **A47K 2010/3681** (2013.01 - EP US)

Citation (opposition)
Opponent : Essity Hygiene and Health Aktiebolag
• US 7237744 B2 20070703 - MORRIS ANDREW R [US], et al
• US 2002175182 A1 20021128 - MATTHEWS SHAUN KERRY [GB]
• EP 1230886 B1 20041201 - GEORGIA PACIFIC CORP [US]
• DE 3400575 A1 19850718 - FELDMUEHLE AG [DE]
• DE 20320332 U1 20040609 - BLATZ WILHELM [DE]
• DE 19820978 A1 19991118 - BLATZ WILHELM [DE]
• US 5730165 A 19980324 - PHILIPP HARALD [US]
• BRYCE OSOINACH: "Proximity Capacitive Sensor Technology for Touch Sensing Applications", PROXIMITY SENSING WHITE PAPER, 2008, pages 1 - 12, XP055470335

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA ME RS

DOCDB simple family (publication)
WO 2010121276 A1 20101028; AT 508223 A1 20101115; AT 508223 B1 20110615; EP 2421422 A1 20120229; EP 2421422 B1 20170607; US 2012061415 A1 20120315; US 8395396 B2 20130312

DOCDB simple family (application)
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