

Title (en)
TOWEL DISPENSER

Title (de)
HANDTUCHSPENDER

Title (fr)
DISTRIBUTEUR D'ESSUIE-MAINS

Publication
EP 0994667 B1 20030402 (DE)

Application
EP 99924956 A 19990512

Priority
• DE 19820978 A 19980512
• EP 9903277 W 19990512

Abstract (en)
[origin: US6412655B1] The invention relates to a towel dispenser (10) such as a paper towel dispenser comprising a housing (12) in which a paper roll and an issuing device (50) are arranged. Said issuing device can AC be controlled by a sensor (38). In order to simplify the operation and to increase the reliability of the towel dispenser, the invention provides that the sensor (38) is configured as a capacitive sensor.

IPC 1-7
A47K 10/36

IPC 8 full level
A47K 10/36 (2006.01)

CPC (source: EP US)
A47K 10/36 (2013.01 - EP US); **A47K 10/3612** (2013.01 - EP US); **A47K 10/3625** (2013.01 - EP US); **A47K 2010/3668** (2013.01 - EP US); **Y10T 225/205** (2015.04 - EP US); **Y10T 225/393** (2015.04 - EP US)

Cited by
DE102010016381B4; DE102010016381A1; US9661958B2; DE102007060402A1; DE102007060403A1; US9878869B2; US10604374B2; EP1231823B2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
US 6412655 B1 20020702; AT E235853 T1 20030415; AU 4142799 A 19991129; CA 2294820 A1 19991118; DE 19820978 A1 19991118; DE 19980817 D2 20010426; DE 59904822 D1 20030508; EP 0994667 A1 20000426; EP 0994667 B1 20030402; ES 2196810 T3 20031216; HK 1028717 A1 20010302; WO 9958040 A1 19991118; ZA 200000068 B 20010328

DOCDB simple family (application)
US 46208100 A 20000328; AT 99924956 T 19990512; AU 4142799 A 19990512; CA 2294820 A 19990512; DE 19820978 A 19980512; DE 19980817 T 19990512; DE 59904822 T 19990512; EP 9903277 W 19990512; EP 99924956 A 19990512; ES 99924956 T 19990512; HK 00106849 A 20001026; ZA 200000068 A 20000111