

Title (en)

HAND-TOWEL DISPENSER FOR ROLLER HAND-TOWELS

Title (de)

HANDTUCHSPENDER FÜR ROLLEN-HANDTÜCHER

Title (fr)

DISTRIBUTEUR D'ESSUIE-MAINS POUR ESSUIE-MAINS EN ROULEAUX

Publication

EP 0767619 A1 19970416 (DE)

Application

EP 95924913 A 19950622

Priority

- DE 4422182 A 19940628
- EP 9502438 W 19950622

Abstract (en)

[origin: US5820231A] PCT No. PCT/EP95/02438 Sec. 371 Date Dec. 19, 1996 Sec. 102(e) Date Dec. 19, 1996 PCT Filed Jun. 22, 1995 PCT Pub. No. WO96/00516 PCT Pub. Date Jan. 11, 1996In a dispenser (1) a dispensing mechanism (18) and a take-up mechanism (19) are arranged on a single side of a removable unit (20) so that an energy storage driven by dispensing is also not discharged even when the cabinet is opened, that the take-up can also be set in motion even when the full, predetermined dispensing length has not been dispensed, that take-up is possible both with and without timing control or the dispensing length can be limited and that a precisely limited return of the toweling loop, opposing the take-up, is possible at the soiled side, as a result of which highly versatile functions materialize for a compact configuration.

IPC 1-7

A47K 10/28

IPC 8 full level

A47K 10/28 (2006.01)

CPC (source: EP US)

A47K 10/28 (2013.01 - EP US)

Citation (search report)

See references of WO 9600516A1

Cited by

DE20309309U1

Designated contracting state (EPC)

AT BE CH DE DK FR GB IT LI NL

DOCDB simple family (publication)

US 5820231 A 19981013; AT E166774 T1 19980615; AU 2923895 A 19960125; DE 4422182 A1 19960104; DE 59502425 D1 19980709;
EP 0767619 A1 19970416; EP 0767619 B1 19980603; WO 9600516 A1 19960111

DOCDB simple family (application)

US 76524196 A 19961219; AT 95924913 T 19950622; AU 2923895 A 19950622; DE 4422182 A 19940628; DE 59502425 T 19950622;
EP 9502438 W 19950622; EP 95924913 A 19950622