

Title (en)

DISPENSING APPARATUS FOR ROLLED UP WEB MATERIAL WITH A DEVICE FOR AUTOMATICALLY REPLACING THE ROLL IN USE

Publication

EP 0116508 B1 19870616 (FR)

Application

EP 84420004 A 19840110

Priority

- FR 8300737 A 19830113
- FR 8310533 A 19830621

Abstract (en)

[origin: ES8406866A1] A dispensing apparatus for rolls of web material with a device for automatically substituting the roll being used. The roll being used is carried by one support, and a spare roll is carried by a second support, the two supports being mounted pivotally on a rigid structure.

IPC 1-7

A47K 10/34

IPC 8 full level

A47K 10/22 (2006.01); **A47K 10/36** (2006.01); **A47K 10/38** (2006.01); **B65H 16/00** (2006.01); **B65H 16/10** (2006.01)

CPC (source: EP US)

A47K 10/3643 (2013.01 - EP US)

Cited by

EP0145622A3; FR2751316A1; GB2193703A; GB2193703B; DE4004122A1; US5244161A; EP2589325A3; FR2736531A1; FR2599726A1; AU598391B2; US8439293B2; WO9803108A1; WO9702780A1; WO9111946A1; WO2009135235A3; EP0206952B1

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0116508 A1 19840822; EP 0116508 B1 19870616; DE 116508 T1 19850814; DE 3464204 D1 19870723; ES 528827 A0 19840901; ES 8406866 A1 19840901; JP H0453783 B2 19920827; JP S59143838 A 19840817; MX 157980 A 19881228; OA 07629 A 19850523; US 4552315 A 19851112

DOCDB simple family (application)

EP 84420004 A 19840110; DE 3464204 T 19840110; DE 84420004 T 19840110; ES 528827 A 19840112; JP 421784 A 19840112; MX 20001384 A 19840111; OA 58201 A 19840110; US 53366183 A 19830919