

Title (en)
A dispenser.

Title (de)
Spender.

Title (fr)
Distributeur.

Publication
EP 0342951 A1 19891123 (EN)

Application
EP 89304977 A 19890517

Priority
IE 308587 A 19890516

Abstract (en)
A dispenser (1) for dispensing toilet paper (2) from a toilet roll (3) comprises a wall mounting plate member (6) and side members (8). Inclined gear rack tracks (11) formed in grooves (9) in the side members (8) rollably support a mandril (14) by pinions (17). The mandril (14) rigidly engages a core (22) of the toilet roll (3) and is inserted on the tracks (11) through access grooves (32). By pulling a free end (23) of the paper (2), the roll (3) and mandril (14) roll along the tracks (11) in the direction of the arrow A, thus dispensing paper (2) from the roll (3). Abutment members (28) engage the mandril at an end (24) of the tracks (11), and further pulling of the paper (2) causes the paper to separate from the roll (3). The mandril returns along the track (11) under gravity until the roll (3) engages the plate member (6) ready for dispensing the next length of paper (2).

IPC 1-7
A47K 10/34; A47K 10/38

IPC 8 full level
A47K 10/00 (2006.01); **A47K 10/38** (2006.01)

CPC (source: EP)
A47K 10/38 (2013.01); **A47K 2010/3872** (2013.01)

Citation (search report)

- [X] DE 1294626 B 19690508 - LANTZ BERTIL SIXTEN VINCENT
- [A] AU 326366 A 19680919
- [A] US 1437157 A 19221128 - SIMCOX EMERY S, et al
- [A] US 1432194 A 19221017 - GEORGE LIDDELL

Cited by
US5215274A; FR2795619A1; EP0755884A1; BE1009493A3

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0342951 A1 19891123; FI 892345 A0 19890516; FI 892345 A 19891118; IE 873085 L 19890517; NO 891999 D0 19890518; NO 891999 L 19891120

DOCDB simple family (application)
EP 89304977 A 19890517; FI 892345 A 19890516; IE 308587 A 19890516; NO 891999 A 19890518