

Title (en)

Cleanser dispenser.

Title (de)

Spender für Reinigungsmittel.

Title (fr)

Distributeur de liquide à nettoyer.

Publication

**EP 0493865 A1 19920708 (EN)**

Application

**EP 91300004 A 19910102**

Priority

EP 91300004 A 19910102

Abstract (en)

In a cleanser dispenser, the motor-operated cleanser discharge unit is provided with a plurality of press rollers 344 which are mounted on a rotary support 341 operated by the motor 32 in such a manner that they are angularly spaced from one another and that their axes are parallel to and equally spaced from the axis of rotation of the rotary support 341. The press rollers 344 depress a flexible cleanser discharge conduit 33 against a curved guide wall 31c to stop the flow of the cleanser. The press rollers 344 minimize the friction produced on the flexible conduit 33. The flexible conduit is always compressed by at least one press roller 344 regardless of the accuracy of the control of the motor operation, thereby alleviating the problem of cleanser leakage. <IMAGE>

IPC 1-7

**A47K 5/12**

IPC 8 full level

**A47K 5/12** (2006.01)

CPC (source: EP)

**A47K 5/1215** (2013.01); **A47K 5/1217** (2013.01)

Citation (search report)

- [X] US 4921150 A 19900501 - LAGERGREN PETER J [US], et al
- [X] US 3531021 A 19700929 - BASSETT ROY C
- [A] WO 9012530 A1 19901101 - FENDER FRANKLIN D [US], et al

Cited by

US6948638B2; EP2441365A1; EP3403555A1; US11918156B2; WO2012048868A1; US10806305B2; USD967650S; US11759060B2; US11064846B2; USD962672S; US11647871B2; US10588467B2; US11141026B2; US11607088B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0493865 A1 19920708**; AU 619702 B1 19920130; AU 6925091 A 19920130

DOCDB simple family (application)

**EP 91300004 A 19910102**; AU 6925091 A 19910111; AU 6925091 D 19910111