

Title (en)
FLUID PRODUCT DISPENSER

Title (de)
FLUIDPRODUKTSPENDER

Title (fr)
DISTRIBUTEUR DE PRODUIT FLUIDE

Publication
EP 1461271 A1 20040929 (FR)

Application
EP 02799765 A 20021202

Priority
• FR 0204130 W 20021202
• FR 0115655 A 20011204

Abstract (en)
[origin: WO03048005A1] The invention concerns a fluid product dispenser comprising: a fluid product reservoir (2), provided with an opening (30), and a dispensing member (61, 63) communicating with the opening (30) of the reservoir to tap the fluid product, said dispensing member (61, 63) comprising a dispensing outlet (61) through which fluid product is dispensed forming a dispensing spray adapted to hit a target. The invention is characterized in that it comprises detecting means (7) for detecting at least a physical characteristic of the target whereon the fluid product is to be dispensed, said detector, after detecting said at least one physical characteristic of the target, triggering or acting on the dispensing spray.

IPC 1-7
B65D 83/16; B05B 12/12; B05B 11/00; A61L 9/12

IPC 8 full level
A45D 34/04 (2006.01); **A61L 9/12** (2006.01); **A61L 9/14** (2006.01); **B05B 12/08** (2006.01); **B05B 12/12** (2006.01); **B05B 17/06** (2006.01); **B65D 83/00** (2006.01); **B65D 83/16** (2006.01)

CPC (source: EP US)
A61L 9/12 (2013.01 - EP US); **A61L 9/14** (2013.01 - EP US); **B05B 12/122** (2013.01 - EP US); **B05B 17/0646** (2013.01 - EP US); **B65D 83/26** (2013.01 - EP US); **A45D 2200/207** (2013.01 - EP US)

Citation (search report)
See references of WO 03048005A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
WO 03048005 A1 20030612; EP 1461271 A1 20040929; FR 2832987 A1 20030606; FR 2832987 B1 20040709; JP 2005511277 A 20050428; US 2005211797 A1 20050929

DOCDB simple family (application)
FR 0204130 W 20021202; EP 02799765 A 20021202; FR 0115655 A 20011204; JP 2003549207 A 20021202; US 49765204 A 20040604