

Title (en)
Fluid dispenser

Title (de)
Spender für fluide Medien

Title (fr)
Distributeur de fluide

Publication
EP 0953515 A3 20001129 (DE)

Application
EP 99107599 A 19990416

Priority
DE 19819748 A 19980502

Abstract (en)
[origin: EP0953515A2] In a reservoir (8) the chamber (9) outlet (12) is upstream of the final outlet (11). A safety device (20) closes the reservoir outlet, but it can be opened by moving the securing section (21) transversely (24) with respect to the axis.

IPC 1-7
B65D 83/00; **B65D 55/02**; **B05B 11/02**; **B05B 11/00**

IPC 8 full level
B65D 83/76 (2006.01); **B05B 11/00** (2006.01); **B05B 11/02** (2006.01); **B65D 47/34** (2006.01); **B65D 55/02** (2006.01); **B65D 83/00** (2006.01)

CPC (source: EP US)
B05B 11/0027 (2013.01 - EP US); **B05B 11/02** (2013.01 - EP US); **B65D 55/02** (2013.01 - EP US); **B65D 83/00** (2013.01 - EP US);
B65D 2255/00 (2013.01 - EP US)

Citation (search report)
• [XA] DE 19700437 A1 19970724 - PFEIFFER ERICH GMBH & CO KG [DE]
• [A] WO 9113689 A1 19910919 - PFEIFFER ERICH GMBH & CO KG [DE]
• [A] US 4582228 A 19860415 - DIAMOND GEORGE B [US], et al

Cited by
US7258119B2; WO02083218A1

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

DOCDB simple family (publication)
EP 0953515 A2 19991103; **EP 0953515 A3 20001129**; **EP 0953515 B1 20031022**; AT E252498 T1 20031115; DE 19819748 A1 19991104;
DE 59907413 D1 20031127; JP H11334777 A 19991207; US 6257454 B1 20010710

DOCDB simple family (application)
EP 99107599 A 19990416; AT 99107599 T 19990416; DE 19819748 A 19980502; DE 59907413 T 19990416; JP 12295099 A 19990428;
US 30088799 A 19990428