

Title (en)

Product dispenser

Title (de)

Spender für Medien

Title (fr)

Distributeur de produit

Publication

**EP 0901835 B1 20050518 (DE)**

Application

**EP 98116486 A 19980901**

Priority

DE 19739990 A 19970911

Abstract (en)

[origin: EP0901835A2] The piston stroke is selectively limited by adjustable shoulders on the piston.

IPC 1-7

**B05B 11/00**

IPC 8 full level

**B05B 11/00** (2006.01); **B05B 15/00** (2006.01); **B05B 15/30** (2018.01); **B65D 83/76** (2006.01)

CPC (source: EP KR US)

**B05B 11/00444** (2018.07 - EP US); **B05B 11/1004** (2023.01 - EP KR US); **B05B 11/1007** (2023.01 - EP KR US);  
**B05B 11/1016** (2023.01 - EP KR US); **B05B 11/1061** (2023.01 - EP KR US); **B05B 11/107** (2023.01 - EP KR US);  
**B05B 11/1074** (2023.01 - EP KR US); **B05B 11/1097** (2023.01 - EP KR US); **B05B 15/30** (2018.01 - EP US)

Cited by

WO2007096049A3; WO2007096049A2; US8382010B2

Designated contracting state (EPC)

BE CH DE DK ES FI FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0901835 A2 19990317**; **EP 0901835 A3 20000329**; **EP 0901835 B1 20050518**; BR 9803418 A 19991103; DE 19739990 A1 19990318;  
DE 59812804 D1 20050623; JP 4327277 B2 20090909; JP H11156253 A 19990615; KR 19990029694 A 19990426; US 6059151 A 20000509

DOCDB simple family (application)

**EP 98116486 A 19980901**; BR 9803418 A 19980910; DE 19739990 A 19970911; DE 59812804 T 19980901; JP 27426798 A 19980911;  
KR 19980037397 A 19980910; US 14836098 A 19980904