

Title (en)
Product dispenser

Title (de)
Spender für Medien

Title (fr)
Distributeur de produit

Publication
EP 0901835 A3 20000329 (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
B65D 83/76 (2006.01); **B05B 11/00** (2006.01); **B05B 15/00** (2006.01); **B05B 15/30** (2018.01)

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)

Citation (search report)
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• [X] FR 2714119 A1 19950623 - STEP [FR]
• [X] US 4081111 A 19780328 - SANDOW KIYOSHI
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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 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