

Title (en)  
Tube dispenser with view window

Title (de)  
Tubenspender mit Sichtfenster

Title (fr)  
Tube-distributeur présentant une fenêtre de vision

Publication  
**EP 0508168 B1 19960703 (EN)**

Application  
**EP 92104644 A 19920318**

Priority  
• US 68232991 A 19910408  
• US 79831091 A 19911126

Abstract (en)  
[origin: EP0508168A1] The tubes of this invention are deformable and will usually not be collapsible. The tubes have a view window (16,33) and a elongated nozzle (20,32). The tubes can be made by blow molding or extrusion. The view window permits a person to determine the contents remaining in the tube and the nozzle provides for ease in dispensing. <IMAGE>

IPC 1-7  
**B65D 35/08**; **B65D 25/54**; **B65D 35/40**

IPC 8 full level  
**B65D 35/02** (2006.01); **B65D 25/54** (2006.01); **B65D 35/04** (2006.01); **B65D 35/08** (2006.01); **B65D 35/20** (2006.01); **B65D 35/40** (2006.01); **B65D 85/08** (2006.01)

CPC (source: EP KR)  
**B65D 25/54** (2013.01 - EP); **B65D 35/08** (2013.01 - EP); **B65D 35/14** (2013.01 - KR); **B65D 35/40** (2013.01 - EP)

Cited by  
FR2733205A1; US6752293B2; GB2544322A; US2007151665A1; EP0747290A1; US5538161A; FR2733206A1; US5816451A; FR2824811A1; FR2706865A1; BE1010865A3; US5484083A; EP0854032A3; EP0835813A1; FR2754245A1; US6077579A; JP2017114553A; WO2008122952A3; WO9417980A1; DE102007045406A1; WO2009040295A1; WO2022238354A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0508168 A1 19921014**; **EP 0508168 B1 19960703**; AT E139968 T1 19960715; AU 1306392 A 19921015; AU 653993 B2 19941020; BG 61225 B1 19970331; BG 96198 A 19950630; BR 9201246 A 19921201; CA 2065519 A1 19921009; CN 1043629 C 19990616; CN 1070154 A 19930324; CS 89892 A3 19921014; CZ 283285 B6 19980218; DE 4210987 A1 19921015; DE 69211883 D1 19960808; DE 69211883 T2 19970220; DK 45692 A 19921009; DK 45692 D0 19920403; ES 2091349 T3 19961101; FI 921534 A0 19920407; FI 921534 A 19921009; FR 2675123 A1 19921016; FR 2675123 B1 19950519; GB 2255324 A 19921104; GB 2255324 B 19951004; GB 9207753 D0 19920527; GR 920100138 A 19930316; HK 1000085 A1 19971121; HK 1007545 A1 19990416; HU 9201175 D0 19920728; HU T67960 A 19950529; IE 72174 B1 19970326; IE 921102 A1 19921021; JP H07165245 A 19950627; KR 920019631 A 19921119; MX 9201340 A 19921001; MY 109879 A 19970930; NO 304644 B1 19990125; NO 921353 D0 19920407; NO 921353 L 19921009; NZ 242045 A 19950328; PL 170432 B1 19961231; PL 294131 A1 19930208; PT 100350 A 19940429; RO 109313 B1 19950130; SG 54238 A1 19981116; TR 28407 A 19960614; YU 36992 A 19960108; YU 48614 B 19990304

DOCDB simple family (application)  
**EP 92104644 A 19920318**; AT 92104644 T 19920318; AU 1306392 A 19920319; BG 9619892 A 19920408; BR 9201246 A 19920407; CA 2065519 A 19920407; CN 92102447 A 19920407; CS 89892 A 19920325; DE 4210987 A 19920402; DE 69211883 T 19920318; DK 45692 A 19920403; ES 92104644 T 19920318; FI 921534 A 19920407; FR 9204251 A 19920407; GB 9207753 A 19920407; GR 920100138 A 19920408; HK 97101619 A 19970731; HK 98106727 A 19980625; HU 9201175 A 19920407; IE 921102 A 19920407; JP 8547792 A 19920407; KR 920005768 A 19920407; MX 9201340 A 19920325; MY PI19920461 A 19920319; NO 921353 A 19920407; NZ 24204592 A 19920318; PL 29413192 A 19920407; PT 10035092 A 19920406; RO 92200472 A 19920407; SG 1996005419 A 19920318; TR 29392 A 19920402; YU 36992 A 19920408