

Title (en)

Roll-on dispensers.

Title (de)

Spender mit Rollkörper.

Title (fr)

Distributeur avec corps roulant.

Publication

EP 0437042 A2 19910717 (EN)

Application

EP 90313265 A 19901206

Priority

GB 8928171 A 19891213

Abstract (en)

A roll-on dispenser for a liquid deodorant product is of oval cross-section and has an elongated applicator ball (14). The applicator ball (14) is journaled for rotation on the dispenser body (10). The ball (14) is held in permanent engagement with an apertured seat which together with the ball (14) closes the top end of the product reservoir (11). Little or no product loss can therefore occur when the ball is not rotating. For dispensing product the surface of the ball is formed with hollow depressions (32) each capable of transferring a quantity surface as the ball rotates. Each depression (32) can be completely closed off by the seat so as not to provide a leakage path past the seat when the ball is stationary. <IMAGE>

IPC 1-7

A45D 34/04

IPC 8 full level

A45D 34/04 (2006.01)

CPC (source: EP)

A45D 34/041 (2013.01)

Cited by

ES2167218A1; DE19635584C1; US5937873A; EP1593363A1; FR2869881A1; FR2736809A1; EP2361526A1; EP1088493A3; US7775735B2; WO9703584A1; FR2770752A1; WO9925217A1

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