

Title (en)  
LIQUID-DISPENSING DEVICE INCLUDING A BEARING SURFACE FOR A SPRING

Title (de)  
VORRICHTUNG ZUM VERSPRÜHEN VON FLÜSSIGKEITEN, DIE EINE AUFLAGEOBERFLÄCHE FÜR EINE FEDER UMFASST

Title (fr)  
DISPOSITIF DE DISTRIBUTION DE LIQUIDE COMPRENANT UNE SURFACE D'APPUI POUR UN RESSORT

Publication  
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Application  
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Abstract (en)  
[origin: WO2011030062A1] The invention relates to a liquid dispensing device (10) including a valve (16) comprising: a flap-forming portion (54) that can prevent or allow the release of liquid from the device; and an attachment edge (50) for permanently attaching the valve (16) to a container (13), said attachment edge including a tubular attachment wall (50) sandwiched between an inner tubular wall (60) and an outer tubular wall (30).

IPC 8 full level  
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Citation (opposition)  
Opponent : [Aptar Radolfzell GmbH](#)  
• DE 10157423 A1 20030605 - KNAUER ROLAND [DE], et al  
• WO 2008015505 A1 20080207 - MRP MEDICAL RES & PROMOTION ES [LI], et al  
• US 2003029890 A1 20030213 - OLECHOWSKI GREGORY M [US], et al  
• US 6371340 B1 20020416 - PATEMAN DAVID DENNIS [GB], et al

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