

Title (en)  
PUSH-BUTTON PUMP, IN PARTICULAR FOR A COSMETIC PRODUCT

Title (de)  
PUMPE MIT BETÄTIGUNGSKNOPF, INSBESONDERE FÜR KOSMETISCHE PRODUKTE

Title (fr)  
POMPE A POUSSOIR, NOTAMMENT POUR PRODUIT COSMETIQUE

Publication  
**EP 1575709 A1 20050921 (FR)**

Application  
**EP 03782416 A 20031216**

Priority  
• EP 0314320 W 20031216  
• FR 0216702 A 20021226

Abstract (en)  
[origin: US2006006196A1] A tappet pump comprising a reduced number of components. The pump comprises a pump body, a piston, a tappet and an elastic implement which exerts its force on the tappet and on the piston by means of a unidirectional link defined by interdependent limit stops.

IPC 1-7  
**B05B 11/00**

IPC 8 full level  
**B05B 11/00** (2006.01)

CPC (source: EP US)  
**B05B 11/1023** (2023.01 - EP US); **B05B 11/1074** (2023.01 - EP US)

Citation (search report)  
See references of WO 2004058411A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 2006006196 A1 20060112; US 7243820 B2 20070717**; AT E356674 T1 20070415; AU 2003290057 A1 20040722; BR 0317197 A 20051101; CA 2520616 A1 20040715; CN 1732048 A 20060208; DE 60312558 D1 20070426; DE 60312558 T2 20071129; EP 1575709 A1 20050921; EP 1575709 B1 20070314; FR 2849476 A1 20040702; FR 2849476 B1 20060428; JP 2006521910 A 20060928; MX PA05006980 A 20060208; WO 2004058411 A1 20040715

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**US 16565705 A 20050624**; AT 03782416 T 20031216; AU 2003290057 A 20031216; BR 0317197 A 20031216; CA 2520616 A 20031216; CN 200380107782 A 20031216; DE 60312558 T 20031216; EP 0314320 W 20031216; EP 03782416 A 20031216; FR 0216702 A 20021226; JP 2004562764 A 20031216; MX PA05006980 A 20031216