

Title (en)  
Dispensing pump

Title (de)  
Abgabepumpe

Title (fr)  
Pompe de distribution

Publication  
**EP 1170062 A3 20031217 (DE)**

Application  
**EP 01115984 A 20010630**

Priority  
DE 20011292 U 20000703

Abstract (en)  
[origin: EP1170062A2] The dispenser pump (2,3) is used to deliver low-viscosity or pasty substances. It consists of a tubular unit which incorporates a compressible plastics bellows section. The housing has two concentric tubular sections and a dispenser head.

IPC 1-7  
**B05B 11/00**; **B65D 47/34**

IPC 8 full level  
**B05B 11/00** (2006.01); **B65D 47/34** (2006.01); **F04B 43/08** (2006.01)

CPC (source: EP)  
**B05B 11/1035** (2023.01); **F04B 43/084** (2013.01); **B05B 11/028** (2023.01)

Citation (search report)

- [X] US 5664703 A 19970909 - REIFENBERGER JOHN E [US], et al
- [X] FR 2380077 A1 19780908 - NORMOS NORBERT [FR]
- [X] EP 0171462 A2 19860219 - PFEIFFER ERICH GMBH & CO KG [DE]
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Cited by  
EP1674162A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1170062 A2 20020109**; **EP 1170062 A3 20031217**; **EP 1170062 B1 20080716**; AT E401134 T1 20080815; DE 20011292 U1 20000921; DE 50114113 D1 20080828

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**EP 01115984 A 20010630**; AT 01115984 T 20010630; DE 20011292 U 20000703; DE 50114113 T 20010630