

Title (en)  
ROLLER

Title (de)  
WALZE

Title (fr)  
ROULEAU

Publication  
**EP 1066125 A1 20010110 (DE)**

Application  
**EP 98965844 A 19981216**

Priority  
• DE 19802723 A 19980124  
• EP 9808260 W 19981216

Abstract (en)  
[origin: DE19802723A1] The invention relates to a flexion-controllable roller (100), comprising a plurality of inner support elements (10) that can be individually controlled by valves. The valves comprise actuators (80) with a shaped body (90) that changes its expansion in at least one dimension when an electrical current is applied. Said change serves to control the valves (50).

IPC 1-7  
**B21B 13/14**; **F16K 31/00**; **F16K 31/02**; **B41F 13/18**

IPC 8 full level  
**B41F 13/08** (2006.01); **D21G 1/02** (2006.01); **F16C 13/00** (2006.01); **F16K 31/00** (2006.01)

CPC (source: EP)  
**B41F 13/08** (2013.01); **D21G 1/022** (2013.01); **F16C 13/028** (2013.01); **F16K 31/008** (2013.01)

Citation (search report)  
See references of WO 9937416A1

Designated contracting state (EPC)  
AT DE ES FI FR GB IT SE

DOCDB simple family (publication)  
**DE 19802723 A1 19990812**; CA 2319244 A1 19990729; EP 1066125 A1 20010110; WO 9937416 A1 19990729

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**DE 19802723 A 19980124**; CA 2319244 A 19981216; EP 9808260 W 19981216; EP 98965844 A 19981216