

Title (en)  
Flexible slalom pole.

Title (de)  
Biegsame Slalomstange.

Title (fr)  
Piquet de slalom flexible.

Publication  
**EP 0077313 A1 19830420 (EN)**

Application  
**EP 82850199 A 19821012**

Priority  
• SE 8106058 A 19811013  
• SE 8201573 A 19820312

Abstract (en)  
An article springing back after bending, for example a post, marking stick, slalom gate pole, muscle training appliance a.s.o., which comprises a flexible joint of the kind permitting bending of the article and return of the same to its original position, and which comprises at least two portions, which are rigidly or detachably connected each with a portion of the article or formed integral each with a portion of the article, which portions are resiliently held together by a spring force acting within the portions. In order to effect a certain delay of the return of the article after bending, the joint comprises between said portions (4a, 4b) a joint body in the form of a helical spring (3, 27), through which a connecting member (7) extends, and which is exposed to said spring force (11) at least when the stick is exposed to bending.

IPC 1-7  
**A63C 19/06**

IPC 8 full level  
**A63C 19/06** (2006.01); **E01F 9/627** (2016.01)

CPC (source: EP)  
**A63C 19/062** (2013.01); **E01F 9/629** (2016.02)

Citation (search report)  
• [Y] CH 142477 A 19300930 - AMSTUTZ MAX [CH]  
• [Y] DE 124746 C  
• [A] DE 2306421 A1 19740822 - TSCHELISNIK  
• [A] GB 1056219 A 19670125 - WILL HAV MFG CO  
• [A] DE 2428659 A1 19760102 - BRANGENBERG RALF  
• [A] DE 2310717 A1 19740912 - SCHOEGL FRITZ

Cited by  
EP1593779A1; EP0100951A1; CN107524101A; EP0240595A1; FR2557221A1; AT386350B; FR2819194A1; DE4414419A1; DE4414419C2; ES2238902A1; AT402901B; EP1479826A3; EP2039834A1; DE102008045788A1; DE19725081C2; EP4026948A1; WO2019030295A1

Designated contracting state (EPC)  
AT CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 0077313 A1 19830420; EP 0077313 B1 19870325**; DE 3275814 D1 19870430

DOCDB simple family (application)  
**EP 82850199 A 19821012**; DE 3275814 T 19821012