

Title (en)  
GYMNASTIC APPARATUS

Publication  
**EP 0215467 B1 19900523 (DE)**

Application  
**EP 86112726 A 19860915**

Priority  
• AT 271685 A 19850918  
• AT 358385 A 19851211

Abstract (en)  
[origin: EP0215467A2] 1. A gymnastic apparatus comprising a support bar (1) and a handlebar connected to one another by a connection rod (2), the handles of said handlebar being resiliently movable towards said support bar (1), characterized in that said handlebar is composed of two independent rigid halves (4a, 4b) hinged adjacent their meeting ends to said connection rod (2) at the end thereof remote from said support bar (1) by means of a hinge pin (3) and subjected to the action of a resilient element formed of an elastomeric material as a wedge-shaped body (9) having its base surface supported on the base section (7c) of a U-shaped mounting member (7) itself disposed on and secured to said connection rod (2), and in that said apparatus has associated thereto a set of spring elements having different spring characteristics.

IPC 1-7  
**A63B 21/02; A63B 21/04; A63B 23/00**

IPC 8 full level  
**A63B 21/00** (2006.01); **A63B 21/04** (2006.01); **A63B 23/00** (2006.01); **A63B 21/02** (2006.01); **A63B 21/05** (2006.01); **A63B 23/035** (2006.01)

CPC (source: EP)  
**A63B 21/04** (2013.01); **A63B 23/03533** (2013.01); **A63B 21/028** (2013.01); **A63B 21/05** (2013.01)

Cited by  
US5820520A; EP0829277A3; DE3901578A1; WO9710032A1

Designated contracting state (EPC)  
CH DE FR LI

DOCDB simple family (publication)  
**EP 0215467 A2 19870325; EP 0215467 A3 19880309; EP 0215467 B1 19900523; AT 389641 B 19900110; AT A358385 A 19890615; DE 3671380 D1 19900628**

DOCDB simple family (application)  
**EP 86112726 A 19860915; AT 358385 A 19851211; DE 3671380 T 19860915**