

Title (en)  
Spinning or twisting spindle.

Title (de)  
Spinn- oder Zwirnspindel.

Title (fr)  
Broche à filer ou à retordre.

Publication  
**EP 0523000 B1 19950125 (DE)**

Application  
**EP 92810430 A 19920604**

Priority  
CH 205891 A 19910710

Abstract (en)  
[origin: EP0523000A1] The spinning or twisting spindle 1 possesses a neck bearing 9 and a step bearing 10 for mounting the spindle-shaft shank 4 in the housing 2. The bearing tube 13 ensures the mutually rigid arrangement of the bearings 9, 10. The bearings 9, 10 are retained in the housing 2 by means of a supporting element 15; a portion of corrugated tube 22, as a ball joint, ensures the necessary movability of the neck bearing 9, whilst a metal roll 24 damps the movement of the step bearing 10. This arrangement allows cost-effective production and the desired movability of the spindle shaft 5 at high spindle speeds. <IMAGE>

IPC 1-7  
**D01H 7/04**

IPC 8 full level  
**D01H 7/04** (2006.01)

CPC (source: EP)  
**D01H 7/045** (2013.01)

Cited by  
US5528892A; WO9617983A1

Designated contracting state (EPC)  
CH DE ES IT LI

DOCDB simple family (publication)  
**EP 0523000 A1 19930113; EP 0523000 B1 19950125**; CH 683430 A5 19940315; DE 59201264 D1 19950309

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**EP 92810430 A 19920604**; CH 205891 A 19910710; DE 59201264 T 19920604