

Title (en)  
Spindle for producing a yarn

Title (de)  
Spindel zum Herstellen eines Fadens

Title (fr)  
Broche pour fabriquer un fil

Publication  
**EP 0795634 A3 19980107 (DE)**

Application  
**EP 97101167 A 19970125**

Priority  
DE 19610460 A 19960316

Abstract (en)  
[origin: EP0795634A2] A spindle for thread prodn. has a shaft (1) which is free to rotate w.r.t. a housing (3) by means of a roller bearing (2) and a thread deflector (4) where the thread deflecting guide channel (5) has an entry (6) concentric with the spindle axis and an exit (7) pointing approximately in a radial direction. The shaft is formed as a cylindrical steel tube with smooth surfaces and the thread deflector, mfd. from injection moulded plastic, is placed in the tube.

IPC 1-7  
**D01H 7/88**; **D01H 7/86**

IPC 8 full level  
**D01H 7/88** (2006.01)

CPC (source: EP)  
**D01H 7/88** (2013.01)

Citation (search report)  
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• [A] DE 4216283 A1 19931118 - HAMEL AG ARBON [CH]  
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US7908839B2; WO2007147468A1

Designated contracting state (EPC)  
CH DE IT LI

DOCDB simple family (publication)  
**EP 0795634 A2 19970917**; **EP 0795634 A3 19980107**; DE 19610460 A1 19970918

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**EP 97101167 A 19970125**; DE 19610460 A 19960316