

Title (en)  
HOLLOW GUIDE SHAFT, PNEUMATIC SPINNING DEVICE, SPINNING MACHINE, AND HOLLOW GUIDE SHAFT SET

Title (de)  
HOHLFÜHRUNGSWELLE, PNEUMATISCHE SPINNVORRICHTUNG, SPINNMASCHINE UND HOHLFÜHRUNGSWELLENSATZ

Title (fr)  
ARBRE DE GUIDAGE CREUX, DISPOSITIF DE FILAGE PNEUMATIQUE, MÉTIER À FILER ET ENSEMBLE D'ARBRES DE GUIDAGE CREUX

Publication  
**EP 4357498 A2 20240424 (EN)**

Application  
**EP 23199978 A 20230927**

Priority  
JP 2022155316 A 20220928

Abstract (en)  
The hollow guide shaft has a shaft portion having a fiber introduction hole into which fibers are introduced and a fiber passage that is continuous with the fiber introduction hole and extends along an axial direction. Where A is an inner diameter of the fiber passage and B is a diameter of an introduction opening serving as an opening end of the fiber introduction hole,  $1.12 \leq B/A \leq 1.3$  is established.

IPC 8 full level  
**D01H 1/115** (2006.01)

CPC (source: EP)  
**D01H 1/115** (2013.01)

Citation (applicant)  
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BA

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KH MA MD TN

DOCDB simple family (publication)  
**EP 4357498 A2 20240424; EP 4357498 A3 20240710; CN 117779267 A 20240329; JP 2024049072 A 20240409**

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