

Title (en)
BOBBIN HOLDER

Title (de)
SPULENHALTER

Title (fr)
SUPPORT DE BOBINE

Publication
EP 0540760 B1 19960911 (EN)

Application
EP 92910581 A 19920520

Priority
• JP 14535391 A 19910521
• JP 9200667 W 19920520

Abstract (en)
[origin: WO9220845A1] A bobbin holder in such a structure that tension to draw the roving can be kept constant by employing a slide bearing system, while noticing that bobbin-turning torque required for drawing the roving and roving bobbin load are proportional to the radius of the roving bobbin, so that braking torque (in equilibrium with torque for turning the bobbin) to act on the bobbin may consist of a friction force on the basis of weight of the roving bobbin and said braking torque may be variably adjusted with the bore diameter of said bearing and (or) frictional coefficient changed for combination, wherein major components are a narrow window opening (10H) as a bearing hole of a pivot housing (101) provided on the fixed part of the bobbin holder (BH) and a pivot (606) as a shaft for supporting the weight of the rotating part including a roving bobbin (Rb) and lying around said small opening (10H), in which the pivot housing (101) is in the shape of, for example, a cylinder equally divided into two segments each capable of being changed for combination.

IPC 1-7
B65H 49/22; **B65H 67/00**

IPC 8 full level
B65H 49/22 (2006.01); **B65H 59/16** (2006.01); **D01H 1/18** (2006.01); **F16B 21/16** (2006.01); **F16C 17/08** (2006.01)

CPC (source: EP)
B65H 59/16 (2013.01); **D01H 1/183** (2013.01); **B65H 2701/31** (2013.01)

Citation (examination)
• JP H05155434 A 19930622 - FUNAI ELECTRIC CO
• JP H05429630 B

Designated contracting state (EPC)
CH DE GB IT LI

DOCDB simple family (publication)
WO 9220845 A1 19921126; DE 69213652 D1 19961017; DE 69213652 T2 19970213; EP 0540760 A1 19930512; EP 0540760 A4 19931013; EP 0540760 B1 19960911; HK 40397 A 19970411; JP 2545004 B2 19961016; JP H04343719 A 19921130

DOCDB simple family (application)
JP 9200667 W 19920520; DE 69213652 T 19920520; EP 92910581 A 19920520; HK 40397 A 19970403; JP 14535391 A 19910521