

Title (en)
CLAMPING DEVICE

Title (de)
KLEMMVORRICHTUNG

Title (fr)
DISPOSITIF DE SERRAGE

Publication
EP 2024265 A1 20090218 (DE)

Application
EP 07722954 A 20070228

Priority
• EP 2007001701 W 20070228
• DE 102006022484 A 20060513

Abstract (en)
[origin: WO2007131562A1] The present invention relates to a clamping device (4) for clamping threads on a spindle of a spinning or twisting machine, the clamping device (4) being arranged on a top spindle part (1) and comprising a fixed clamping element (5) and an axially displaceable clamping element (6) which can be pressed by a spring force against the fixed clamping element (5), wherein centrifugal-force elements (9) can bias the displaceable clamping element (6) counter to the spring force by means of a force which spaces the displaceable clamping element (6) apart from the fixed clamping element (5) in the axial direction such that a clamping nip (16) forms between these elements and wherein the clamping device (4) has holders which serve for accommodating and guiding the centrifugal-force elements (9), the holders for the centrifugal-force elements (9) being arranged on that side of the clamping device (4) which is located opposite the clamping nip (16), and a compression spring (8) being arranged between the holders and the clamping nip (16).

IPC 8 full level
B65H 65/00 (2006.01)

CPC (source: EP)
B65H 65/00 (2013.01); **D01H 1/38** (2013.01); **D01H 1/40** (2013.01); **D01H 7/04** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
See references of WO 2007131562A1

Cited by
EP2530041A1; DE102011076744A1

Designated contracting state (EPC)
CH CZ DE IT LI

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006022484 A1 20071115; **DE 102006022484 B4 20170427**; CN 101437741 A 20090520; CN 101437741 B 20120425; DE 502007003750 D1 20100624; EP 2024265 A1 20090218; EP 2024265 B1 20100512; JP 2009536989 A 20091022; WO 2007131562 A1 20071122

DOCDB simple family (application)
DE 102006022484 A 20060513; CN 200780016414 A 20070228; DE 502007003750 T 20070228; EP 07722954 A 20070228; EP 2007001701 W 20070228; JP 2009510296 A 20070228