

Title (en)

Sample warper, rotating creel and spool holder

Title (de)

Musterkettenschärmaschine, Drehgatter und Spulenhalter

Title (fr)

Ourdissoir à chaîne de motif, râtelier rotatif et support de bobine

Publication

EP 2163668 B1 20130327 (DE)

Application

EP 08016069 A 20080912

Priority

EP 08016069 A 20080912

Abstract (en)

[origin: EP2163668A1] The machine (1) has a thread guide (3) moving around a circumference of a warping drum (2). A set of bobbins (12) includes a rotary creel (5), where the thread guide is rotated in the rotary creel. One of the bobbins is mounted on a bobbin holder (18) that is detachably fixed at the rotary creel and inserted in a U-shaped receiver. The bobbin holder is combined with a safety pin that is moved perpendicular along an insertion direction of the bobbin holder and prestressed in a holding position by a spring.

IPC 8 full level

D02H 1/00 (2006.01); **B65H 67/02** (2006.01)

CPC (source: EP)

B65H 49/12 (2013.01); **B65H 49/16** (2013.01); **B65H 67/02** (2013.01); **D02H 1/00** (2013.01); **D02H 3/04** (2013.01); **B65H 2701/31** (2013.01)

Designated contracting state (EPC)

CH DE ES IT LI

DOCDB simple family (publication)

EP 2163668 A1 20100317; **EP 2163668 B1 20130327**; CN 101671899 A 20100317; CN 101671899 B 20110706; JP 2010065364 A 20100325

DOCDB simple family (application)

EP 08016069 A 20080912; CN 200910001396 A 20090112; JP 2008330555 A 20081225