

Title (en)  
WARP KNITTING MACHINE

Title (de)  
KETTENWIRKMASCHINE

Title (fr)  
MÉTIER À TRICOTER À CHAÎNE

Publication  
**EP 3095903 B1 20170628 (DE)**

Application  
**EP 15167981 A 20150518**

Priority  
EP 15167981 A 20150518

Abstract (en)  
[origin: CN106167954A] The invention relates to a warp knitting machine (1, 24) having at least one looping tool guide bar (10) which carries a plurality of looping tools and is connected to a supporting shaft (12) by means of supporting levers (11). The negative effects of a thermal expansion of the supporting shaft (12) are to be kept as small as possible and at the same time the structure of the warp knitting machine is to be made as cost-effective and simple as possible. In order to achieve this object, the supporting shaft (12) comprises a rod (17) extending over the entire length of the supporting shaft (12) and formed by a fiber-reinforced synthetic material, the supporting shaft (12) also having at least two axially spaced supporting tubes (14, 15, 16), the rod (17) extends via all the supporting tubes (14, 15, 16), and each of the supporting tubes (14, 15, 16) is at least partially connected to the rod (17) via at least one connection point (21, 22).

IPC 8 full level  
**D04B 27/08** (2006.01)

CPC (source: CN EP)  
**D04B 27/08** (2013.01 - EP); **D04B 27/24** (2013.01 - CN)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3095903 A1 20161123; EP 3095903 B1 20170628**; CN 106167954 A 20161130; CN 106167954 B 20180216

DOCDB simple family (application)  
**EP 15167981 A 20150518**; CN 201610033010 A 20160119