

Title (en)

Yarn twisting machine comprising a yarn tension applying device

Title (de)

Zwirnmaschine mit einer Vorrichtung zum Zuführen von Fadenspannung

Title (fr)

Machine à retordre comprenant un dispositif pour appliquer de la tension au fil

Publication

**EP 1502975 A2 20050202 (EN)**

Application

**EP 04017008 A 20040719**

Priority

JP 2003280597 A 20030728

Abstract (en)

In a yarn twisting machine that generates one twisted yarn from two raw yarns, defects such as hanging down of the yarn are generated due to a lack of tension. In a yarn twisting machine 1 in which a supply yarn package 10 is provided at an upper side of a machine frame 2 and a gate tensor 49 is provided for applying tension to second yarn Y2 unwound from the supply yarn package 10 at an upstream side of the yarn of a yarn twisting device 8 located at a lower side of the machine frame 2, a ball tensor 48 is provided at a yarn introducing side of the gate tensor 49, and the gate tensor 49 and the ball tensor 48 are provided at a bent part of a yarn path of the second yarn Y2.

IPC 1-7

**D01H 13/10**; **D01H 1/18**

IPC 8 full level

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CPC (source: EP)

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Cited by

CN103741283A; EP1847637A3; CN104451995A; CN109399374A; US10472199B1; US11572640B2; WO2024155662A1; TWI767607B

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