

Title (en)

Yarn twisting machine comprising a yarn package supply

Title (de)

Zwirnmaschinen mit Garnspulenhälter

Title (fr)

Machine à retordre comprenant un support de bobine de fil

Publication

**EP 1502974 A2 20050202 (EN)**

Application

**EP 04017224 A 20040721**

Priority

JP 2003280598 A 20030728

Abstract (en)

In a yarn twisting machine in which a supply yarn package is provided at an upper side of a machine frame, since the supply yarn package is located higher than an average height of a worker, a replacing work is difficult. <??>In a yarn twisting machine 1 in which a supply yarn package 10 is provided at an upper side of a machine frame 2, a supply yarn bobbin elevating and lowering supporting device 9 is provided for elevating and lowering the supply yarn package 10. The supply yarn bobbin elevating and lowering supporting device 9 includes a spring 36 for urging in an elevating direction, a bobbin supporting frame 28 which supports the supply yarn package 10, and a stopping means 40 for stopping the bobbin supporting frame 28 at a lowered position. By the bobbin supporting frame 28 being held at the lowered position, the stopping means 40 is operated automatically. A gripper 39 is provided on the bobbin supporting frame 28 and a releasing lever 45 is provided on the gripper 39 for releasing the operation of the stopping means 40.

IPC 1-7

**D01H 1/18**

IPC 8 full level

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CPC (source: EP)

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Cited by

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Designated contracting state (EPC)

DE

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**EP 1502974 A2 20050202**; **EP 1502974 A3 20051221**; CN 1576412 A 20050209; JP 2005048312 A 20050224

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