

Title (en)  
A spinning machine.

Title (de)  
Spinnmaschine.

Title (fr)  
Métier à filer.

Publication  
**EP 0421714 A2 19910410 (EN)**

Application  
**EP 90310745 A 19901001**

Priority  
JP 25839589 A 19891002

Abstract (en)  
A spinning machine including a yarn treating carrier (14) provided with a yarn piecing mechanism and a yarn package doffing mechanism therein, moving along a rail provided on a frame (3) of a spinning machine so as at least to stop at predetermined spindle for carrying out a yarn piecing operation and a yarn package doffing operation, and a detecting unit (13) for detecting a position of the yarn treating carrier at each spindle portion, the yarn treating carrier controlled so as to perform at least one of a moving operation, a decelerating operation, and a stopping operation in response to a yarn treatment signal and a detection signal of a position of the yarn treating carrier, each of which being output from each of the spindles.

IPC 1-7  
**B65H 54/26; D01H 9/10; D01H 13/00; D01H 13/14; D01H 15/013**

IPC 8 full level  
**B65H 67/06** (2006.01); **B65H 69/00** (2006.01); **D01H 9/08** (2006.01); **D01H 13/00** (2006.01); **D01H 13/14** (2006.01); **D01H 15/013** (2006.01)

CPC (source: EP)  
**D01H 13/005** (2013.01); **D01H 13/145** (2013.01)

Cited by  
CN102296394A; CN107541823A; EP0694634A3; US5579630A; WO2012100617A1

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