

Title (en)  
METHOD AND APPARATUS FOR BOBBIN CHANGING IN ROVING FRAME

Publication  
**EP 0148129 A3 19870527 (EN)**

Application  
**EP 84810660 A 19841228**

Priority  
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• JP 25096383 A 19831228

Abstract (en)  
[origin: EP0148129A2] A method for changing bobbins of a roving frame to bobbin supporting members of a bobbin conveying device, and vice versa, and a bobbin changing machine for performing the method. After full bobbins arranged in a zigzag arrangement are doffed from the roving frame by means of the bobbin changing machine, distance between bobbins corresponding to distances between bobbin wheels of the roving frame, are changed to the distances between bobbins on the creel of a spinning frame, and vice versa, by means of a lateral distance changing device of the bobbin changing machine. Simultaneous with or after the previous process, the zigzag arrangement of the bobbins is aligned, and vice versa, by means of a front and back distance changing device of the bobbin changing machine.

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**D01H 9/04**

IPC 8 full level  
**D01H 9/10** (2006.01)

CPC (source: EP)  
**D01H 9/10** (2013.01)

Citation (search report)  
• [A] US 4145868 A 19790327 - MORITA SHIN-ICHI, et al  
• [A] GB 2089379 A 19820623 - HOWA MACHINERY LTD

Cited by  
CN107268127A; US4821504A; EP0214837A3

Designated contracting state (EPC)  
CH DE GB IT LI

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**EP 0148129 A2 19850710; EP 0148129 A3 19870527; EP 0148129 B1 19890531; DE 3478479 D1 19890706**

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