

Title (en)  
Carriage for changing roving bobbins.

Title (de)  
Vorgarnspulenwechselwagen.

Title (fr)  
Chariot pour échanger des bobines de mèche.

Publication  
**EP 0392175 B1 19950802 (DE)**

Application  
**EP 90103777 A 19900227**

Priority  
DE 3911765 A 19890411

Abstract (en)  
[origin: EP0392175A1] In a roving-bobbin change carriage (20) for exchanging full roving bobbins for roving bobbins (19) which have run empty, there is an intermediate store which temporarily receives the full roving bobbins and which is designed as a preparation station (31) containing means (43, 47) for receiving and supplying the start of the roving (57) of the full roving bobbins (14). The exchange of the full roving bobbins (14) for the roving bobbins (19) which have run empty is carried out by means of a manipulator (21). Arranged on the manipulator (21) is a gripper (30) which, when the full roving bobbins (14) are being taken over from the preparation station, grasps the start of the roving (57) of the full roving bobbins (14). <IMAGE>

IPC 1-7  
**D01H 9/00**

IPC 8 full level  
**B65H 67/06** (2006.01); **D01H 9/00** (2006.01); **D01H 9/04** (2006.01)

CPC (source: EP US)  
**D01H 9/005** (2013.01 - EP US)

Cited by  
EP0440891A3; US6656734B1

Designated contracting state (EPC)  
CH DE FR IT LI

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**EP 0392175 A1 19901017; EP 0392175 B1 19950802; EP 0392175 B2 19980211**; DE 3911765 A1 19901018; DE 59009456 D1 19950907; JP H02289131 A 19901129; US 5113645 A 19920519

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**EP 90103777 A 19900227**; DE 3911765 A 19890411; DE 59009456 T 19900227; JP 8928290 A 19900405; US 50805490 A 19900411