

Title (en)  
METHOD AND DEVICE FOR YARN FUSION

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM VEREINIGEN VON FÄDEN.

Title (fr)  
PROCEDE ET DISPOSITIF DE FUSION DE FILS

Publication  
**EP 0874776 B1 20011024 (EN)**

Application  
**EP 97923401 A 19970121**

Priority  
• JP 2604696 A 19960119  
• US 9702494 W 19970121

Abstract (en)  
[origin: WO9728079A2] A method and apparatus for bonding yarns in a process for feeding yarn from wound packages to a yarn-processing machine. The operation includes the following parts: releasing unit (1) which can release the yarns at a prescribed speed; support unit (2) which supports the yarns in a state in which a projection of the second yarn crosses the first yarn thermal fusing unit (3) which presses the yarns into contact and heats and fuses the crossed portion of the yarns; and storage unit (4) which stores a prescribed amount of yarn continuously feeding yarn to the processing machine while the yarn bonding operation is performed.

IPC 1-7  
**B65H 69/08**

IPC 8 full level  
**B65H 54/71** (2006.01); **B29C 65/02** (2006.01); **B65H 69/08** (2006.01); **D02J 1/22** (2006.01); **B29L 31/00** (2006.01)

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