

Title (en)  
YARN FEEDING DEVICE

Title (de)  
FADENZUFÜHRUNGSVORRICHTUNG

Title (fr)  
DISTRIBUTEUR DE FIL

Publication  
**EP 1796994 B1 20090429 (EN)**

Application  
**EP 05787261 A 20050916**

Priority  
• EP 2005010003 W 20050916  
• DE 102004049211 A 20041008

Abstract (en)  
[origin: WO2006037451A1] A yarn feeding device F has a housing 1 supporting a drive shaft 10 which carries a stationary storage body K. the storage body K consists of a supporting rod cage 5 which is coaxial to the drive shaft 10 which is rotatably supported on the drive shaft 10, and a separation rod cage 7 which is rotatably supported on a separation rod cage bearing structure L. The axis Y of the separation rod cage 7 is inclined and eccentric in relation to the axis X of the drive shaft 10. In the separation rod cage bearing structure L as well is eccentric and inclined in relation to the axis X of the drive shaft. The eccentricity E of the separation rod cage bearing structure L is offset in circumferential direction in relation to the inclination S. The separation rod cage bearing structure L is connected to the drive shaft 10 such that the rod cage bearing structure L is integrally formed at the drive shaft 10.

IPC 8 full level  
**D04B 15/48** (2006.01)

CPC (source: EP)  
**D04B 15/482** (2013.01)

Cited by  
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Designated contracting state (EPC)  
IT

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**WO 2006037451 A1 20060413**; CN 101052579 A 20071010; CN 101052579 B 20120307; DE 102004049211 A1 20060420; EP 1796994 A1 20070620; EP 1796994 B1 20090429

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