

Title (en)
THREAD FEEDING DEVICE WITH RETURN OPERATION

Title (de)
FADENLIEFERGERÄT MIT RÜCKHOLBETRIEB

Title (fr)
DISPOSITIF D'AMENEE DE FILS A FONCTION RETOUR

Publication
EP 1819857 B1 20170607 (DE)

Application
EP 05802281 A 20051006

Priority
• EP 2005010754 W 20051006
• DE 102004051520 A 20041021

Abstract (en)
[origin: US2007210198A1] A yarn delivering apparatus comprises a yarn delivering wheel having a drive, as well as a yarn storing device having a yarn laying device which is provided with its own yarn layer drive. A control device controls both drives, providing for a pure positive operation of the yarn delivering wheel on the one hand, and a yarn return delivery during shuttling of the knitting machine, on the other hand. Further, such a configuration improves the dynamics of the yarn delivering apparatus.

IPC 8 full level
D04B 15/48 (2006.01)

CPC (source: EP KR US)
D04B 15/48 (2013.01 - EP KR US)

Designated contracting state (EPC)
DE IT TR

DOCDB simple family (publication)
US 2007210198 A1 20070913; US 7591153 B2 20090922; BR PI0516241 A 20080826; BR PI0516241 B1 20170425; CN 101044276 A 20070926; CN 101044276 B 20100901; DE 102004051520 A1 20060504; DE 102004051520 B4 20141231; EP 1819857 A2 20070822; EP 1819857 B1 20170607; IL 181953 A0 20070704; JP 2008517179 A 20080522; JP 4255504 B2 20090415; KR 20070070180 A 20070703; TW 200632167 A 20060916; TW I372194 B 20120911; WO 2006045411 A2 20060504; WO 2006045411 A3 20060817

DOCDB simple family (application)
US 78549107 A 20070418; BR PI0516241 A 20051006; CN 200580035889 A 20051006; DE 102004051520 A 20041021; EP 05802281 A 20051006; EP 2005010754 W 20051006; IL 18195307 A 20070315; JP 2007537147 A 20051006; KR 20077008918 A 20070419; TW 94136623 A 20051020