

Title (en)
Textile machine having yarn accumulator.

Title (de)
Textilmaschine mit Garnspeicher.

Title (fr)
Machine textile comprenant un accumulateur de fil.

Publication
EP 0633213 A1 19950111 (EN)

Application
EP 94110288 A 19940701

Priority
• DE 4323059 A 19930710
• DE 4341048 A 19931202

Abstract (en)
A textile machine for processing a filament yarn (12) and comprising a feed system (18) for advancing a yarn along an operative path of travel and into a treatment zone. A yarn accumulator (1) in the form of a deflecting plate (3) is positioned downstream of the feed system for temporarily storing the yarn upon a yarn break or slackening of the yarn, with the plate being positioned generally transverse to the operative path of travel and with one of the side edges thereof being closely adjacent the path of travel. Also, a yarn guide is positioned on the side of the yarn path of travel opposite from the one side edge of the plate, such that in normal operation the operative yarn path of travel runs between the one side edge of the deflecting plate and the yarn guide. Upon a yarn break or the development of slack in the advancing yarn, the yarn impacts against the deflecting plate (3) and forms an accumulation of the yarn. The plate may be coated with an adhesive to adhere the accumulation thereto, or the accumulation may drop from the plate and fall into an underlying collection bin (26). <IMAGE>

IPC 1-7
B65H 51/20; **B65H 54/86**; **D01H 13/18**; **D02J 13/00**

IPC 8 full level
B65H 51/20 (2006.01); **B65H 54/86** (2006.01); **D01H 13/18** (2006.01); **D02G 1/02** (2006.01); **D02J 13/00** (2006.01)

CPC (source: EP)
B65H 51/20 (2013.01); **B65H 54/86** (2013.01); **D02G 1/0266** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
• [A] GB 526635 A 19400923 - GESSNER ERNST AG
• [A] FR 342236 A 19040902 - ALSACIENNE CONSTR MECA [DE]
• [A] FR 1402460 A 19650611
• [A] FR 735104 A 19321103
• [A] FR 44604 E 19350319
• [A] FR 367701 A 19061108 - HENRY BIBBY REYNOLDS [GB]
• [A] DE 123449 C

Cited by
WO0015532A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0633213 A1 19950111; **EP 0633213 B1 19980401**; CN 1061011 C 20010124; CN 1100696 A 19950329; DE 69409295 D1 19980507; DE 69409295 T2 19980827; TW 268056 B 19960111

DOCDB simple family (application)
EP 94110288 A 19940701; CN 94108225 A 19940708; DE 69409295 T 19940701; TW 83105970 A 19940630