

Title (en)

THREAD TENSION DEVICE FOR A TEXTILE MACHINE

Publication

EP 0268550 B1 19911211 (DE)

Application

EP 87810518 A 19870908

Priority

CH 417286 A 19861020

Abstract (en)

[origin: EP0268550A1] A device for tensioning a yarn fed to a textile machine possesses a yarn-deflecting element (36) which acts transversely to the yarn run and by means of which as constant a yarn tension of the yarn (2) as possible should be achieved in the textile machine in spite of pronounced consumption fluctuations. The deflecting element used is a low-mass lamella (36) which can be deflected by a force field effective transversely to the direction of run of the yarn. The force field can be applied by an air jet or, for example, electromagnetic or electrostatic means. The arrangement guarantees a very rapid reaction of the yarn tension device to variations during the yarn run, with the result that the tension fluctuations in the yarn behind the yarn tension device remain only slight. <IMAGE>

IPC 1-7

D03D 47/34

IPC 8 full level

B65H 59/28 (2006.01); **D03D 47/34** (2006.01)

CPC (source: EP)

B65H 59/28 (2013.01); **D03D 47/34** (2013.01); **B65H 2555/11** (2013.01); **B65H 2701/31** (2013.01)

Cited by

US5544680A; US5425399A; EP0790208A1; CN114787059A; GB2283762A; GB2283762B; EP0356380A1; US4962796A; WO2021078791A1; WO2012041508A1

Designated contracting state (EPC)

BE DE FR IT

DOCDB simple family (publication)

EP 0268550 A1 19880525; **EP 0268550 B1 19911211**; DE 3775180 D1 19920123; JP S63105148 A 19880510

DOCDB simple family (application)

EP 87810518 A 19870908; DE 3775180 T 19870908; JP 26192387 A 19871019