

Title (en)
Roller system with double pressure means, and device for fibre control in a textile machine comprising such a roller system with double pressure means

Title (de)
Doppeldruckmittelzylinderanordnung sowie Belastungseinrichtung einer Textilmaschine mit einer solchen Doppeldruckmittelzylinderanordnung

Title (fr)
Système à cylindre de pression à double pression, et dispositif de contrôle des fibres dans une machine textile avec un tel système à cylindre de pression à double pression

Publication
EP 1464741 B1 20080827 (DE)

Application
EP 04101126 A 20040318

Priority
DE 10314428 A 20030331

Abstract (en)
[origin: EP1464741A2] A double pressure cylinder arrangement comprises two pressure cylinders, carrier strut, connection lines, and u-shaped housing mechanism. The second pressure cylinder is positioned in a spaced and axis-parallel relationship to the first pressure cylinder. The carrier strut is connected to a bottom side of the two pressure cylinders. The carrier strut comprises a hollow intermediate section. The u-shaped housing mechanism has two leg sections. A double pressure cylinder arrangement comprises two pressure cylinders (3, 5), carrier strut (6), connection lines, and u-shaped housing mechanism (1). The second pressure cylinder is positioned in a spaced and axis-parallel relationship to the first pressure cylinder. The carrier strut is connected to a bottom side of the two pressure cylinders. The carrier strut comprises a hollow intermediate section (7). The u-shaped housing mechanism has two leg sections (2, 4). Each leg section houses one of the pressure cylinders. The connection lines drives the two pressure cylinders integrated in the intermediate section. An independent claim is included for a loading device for a drafting arrangement of a textile machine comprising a double pressure cylinder arrangement for loading individual top rollers for extending fiber material.

IPC 8 full level
D01H 5/52 (2006.01); **D01H 5/00** (2006.01)

CPC (source: EP US)
D01H 5/00 (2013.01 - EP US); **D01H 5/525** (2013.01 - EP US)

Cited by
US7603750B2; US7610660B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1464741 A2 20041006; EP 1464741 A3 20050810; EP 1464741 B1 20080827; AT E406471 T1 20080915; CN 100513659 C 20090715; CN 1534116 A 20041006; DE 10314428 A1 20041028; DE 10314428 B4 20070329; DE 502004007934 D1 20081009; JP 2004300661 A 20041028; JP 4213614 B2 20090121; US 2004187269 A1 20040930; US 7076841 B2 20060718

DOCDB simple family (application)
EP 04101126 A 20040318; AT 04101126 T 20040318; CN 200410005204 A 20040217; DE 10314428 A 20030331; DE 502004007934 T 20040318; JP 2004099198 A 20040330; US 81306904 A 20040331