

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 A2 20041006 (DE)

Application
EP 04101126 A 20040318

Priority
DE 10314428 A 20030331

Abstract (en)
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.

Abstract (de)
Doppeldruckmittelzylinderanordnung, bestehend aus einem ersten Druckmittelzylinder (3), der mittels einer Trägerstange (6) achsparallel beabstandet zu einem zweiten Druckmittelzylinder (5) angeordnet ist, wobei die Trägerstange (6) zylinderbodenseitig mit beiden Druckmittelzylindern (3, 5) in Verbindung steht, wobei ein im Wesentlichen U-förmiges Gehäuseelement (1) vorgesehen ist, dessen beiden Schenkelabschnitte (2, 4) je ein Zylindergehäuse für die Druckmittelzylinder (3, 5) bilden, wobei ferner in einen die Trägerstange (6) bildenden hohlen Zwischenabschnitt (7) diverse Verbindungsleitungen zur Ansteuerung der beiden Druckmittelzylinder (3, 5) integriert sind. <IMAGE>

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D01H 5/52

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

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

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