

Title (en)

Tackle device for Jacquard machines

Title (de)

Flaschenzug-Vorrichtung für Jacquardmaschinen

Title (fr)

Dispositif de palonnier pour machines Jacquard

Publication

EP 0940489 A1 19990908 (EN)

Application

EP 98250045 A 19980206

Priority

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Abstract (en)

A pulley arrangement for forming a shed in the warp threads of a Jacquard machine, comprising a plurality of pulley elements and a plurality of complementary hooks connected by means of a plurality of vertically movable pulley cords and lifting knives, such that control of a suspension point of the pulley cord enables a selection of four possible positions for the warp threads for at least each of two picks, characterized in that each pulley arrangement cooperates with one set of two of the complementary hooks (111,112), and comprises a pulley element (114) with top and bottom rollers connected one above the other and suspended below each set of the complementary hooks by means of a first pulley cord (113), each end of the first pulley cord being fixed to one of the complementary hooks (111,112), while downward-hanging portion of the first pulley cord runs over the top roller (114') of the pulley element (114), thereby suspending said pulley element, one end of the second pulley cord (115) being attached to one of the complementary hooks, with another end of the second pulley cord being attached to a first deflection roller (121), and guided over said deflection roller (121) is a third pulley cord (118) having one end connected to a fixed point (116) of the Jacquard machine, a portion of the third pulley cord guided over the first deflection roller (121), runs back up over a second deflection roller (117) and guided over the bottom roller (114") of the pulley element (114), with another end of the third pulley cord being connected to one or more warp threads (120) by means of a plurality of harness cords; one end of a fourth pulley cord (122) being attached to the second deflection element (117) and another end being fixed to a grid (119) which is movable up and down in phase with one of the plurality of knives. <IMAGE>

IPC 1-7

D03C 3/12; **D03C 3/06**

IPC 8 full level

D03C 3/06 (2006.01); **D03C 3/12** (2006.01)

CPC (source: EP)

D03C 3/06 (2013.01); **D03C 3/12** (2013.01)

Citation (search report)

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BE CH DE FR GB IT LI

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