Title (en)

DEVICE FOR REGULATING THE TENSION OF A THREAD DURING THE VARIOUS TRANSFORMATIONS IT UNDERGOES IN THE COURSE OF ITS MANUFACTURE

Publication

EP 0208628 B1 19880907 (FR)

Application

EP 86420150 A 19860605

Priority

FR 8508987 A 19850611

Abstract (en)

[origin: ES8705334A1] Device for regulating the tension of a thread through the different transformation operations to which said thread is subjected during its manufacture, said device being of the type forming an assembly comprising cups between which passes the thread, said cups being mounted on a hub and locked in position one against the other by way of a nut, and said hub being mounted on a rotary shaft which is common to all the positions of one face of the machine, device wherein: the cups are mounted in pairs on either side of a cylindrical track which is fast in rotation with said cups, said track having a diameter at least equal to the diameter of the circle of contact between the two cups, and said thread being, while thrown, in contact with the central cylindrical track, and after throwing, pushed back onto the side tracks constituted by each pair of cups in order to be placed in the normal working conditions after throwing and the nuts holding each pair of cups one against the other enable a variation of their pressure, hence an adjustment of the tension which is communicated to the thread.

IPC 1-7

B65H 59/18; D01H 13/10

IPC 8 full level

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CPC (source: EP US)

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EP 0208628 A1 19870114; **EP 0208628 B1 19880907**; DE 3660671 D1 19881013; ES 555952 A0 19870501; ES 8705334 A1 19870501; FR 2583028 A1 19861212; FR 2583028 B1 19870731; US 4693068 A 19870915

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