

Title (en)

DEVICE FOR TENSIONING A BUNDLING STRAP APPLIED AROUND A PACKAGE

Publication

EP 0100836 B1 19880511 (DE)

Application

EP 83105760 A 19830611

Priority

DE 3229869 A 19820811

Abstract (en)

[origin: US4574848A] A device for tensioning a strapping band obtained from a supply reel and positioned around a package, and for fastening the overlapping ends of the band together with a sleeveless connection, as well as for cutting off the length of strap not utilized in wrapping the package and leading from the supply reel. A motorized drive mechanism for the upper half of a band-fastening tool and that for the tensioning wheel consists of a single motor that first, while it rotates in one sense, powers a tensioning wheel which tensions the strapping band, and then, subsequent to a shift in gear that depends on the tension in the band, reverses its rotation and powers the shaft of the upper half of the band-fastening tool. The gearshift consists of a pivoting lever that can be shifted against the force of a spring out of its initial position. The pivoting lever engages a spring-loaded gearshift lever through a set screw. The pivot lever is activated by the reaction force of the drive mechanism.

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