

Title (en)
FEEDING AND TENSIONING DEVICE FOR A STRAP TO BE TENSIONED AROUND A PACKAGE

Publication
EP 0095643 A3 19860528 (DE)

Application
EP 83104801 A 19830516

Priority
DE 3220446 A 19820529

Abstract (en)
[origin: US4516488A] Support and tensioning apparatus for a strapping band to be tensioned around a package. A band first pressed between a pair of wheels and advanced in a band guide that surrounds but does not contact the package. The band is subsequently retracted with its front end secured in place into a position against the package by reversing the sense in which the pair of wheels rotates, and is then tensioned with a separate tensioning wheel that rotates slowly and at high power. The strapping band is tensioned with a pair of wheels of which one wheel is an idler wheel and the other wheel is a tensioning wheel powered in the tensioning direction by a motor and with its shaft mounted in a pivoting lever in such a way that the wheel presses against the strapping band, which is to some extent looped around it, while the band is being tensioned and rests on the idler wheel, with a force that increases with the tension in the band.

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IPC 8 full level
B65B 13/22 (2006.01)

CPC (source: EP US)
B65B 13/22 (2013.01 - EP US)

Citation (search report)
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