

Title (en)
METHOD AND APPARATUS FOR STRAPPING A PACKAGE WITH A STRAPPING BAND

Publication
EP 0195345 B1 19900926 (DE)

Application
EP 86103181 A 19860310

Priority
CH 118085 A 19850315

Abstract (en)
[origin: US4691498A] The band movement drive of a machine for the automatic hooping of a package with a hooping band has a main band drive and a secondary band drive. During band advance, the hooping band is guided by the main band drive at a first, higher speed in a band channel for enveloping the package up to its entry in a joining station, followed by a switching over to band retraction, which takes place at the same higher speed. The secondary band drive is driven at a higher speed than the main band drive, so that a band reserve is formed between the two band drives. When the hooping band is loosely applied to the package, switching over takes place to a second, lower speed, at which the band reserve is retracted. The hooping band is then tensioned with the tension set on the main band drive and then in the joining station the band and band end are joined together and the band is separated from the band supply. During the time created during the retraction of the band reserve, it is possible to switch over clutch in the band movement drive for changing to the second, lower speed without damaging the hooping band or package through overtensioning.

IPC 1-7
B65B 13/22

IPC 8 full level
B65B 13/22 (2006.01)

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

Cited by
DE3825668C1; US5333438A; US5299407A; EP3984896A1; WO2022078658A1

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
DE 8533188 U1 19860130; CA 1262678 A 19891107; CH 668402 A5 19881230; DE 3674439 D1 19901031; EP 0195345 A2 19860924; EP 0195345 A3 19871111; EP 0195345 B1 19900926; JP S61217316 A 19860926; US 4691498 A 19870908

DOCDB simple family (application)
DE 8533188 U 19851126; CA 502536 A 19860224; CH 118085 A 19850315; DE 3674439 T 19860310; EP 86103181 A 19860310; JP 5521386 A 19860314; US 83440186 A 19860303