

Title (en)  
STRAPPING MACHINE FOR PACKAGES

Publication  
**EP 0060990 B1 19850116 (DE)**

Application  
**EP 82100988 A 19820211**

Priority  
DE 3110718 A 19810319

Abstract (en)  
[origin: US4409061A] A machine for the tying of packages, having a gripper which places the tying means around the package, the gripper being moved by a pull means and stopped in a position where the ends of the tying means are connected to each other. A consistent return of the gripper to the basic position is due to the fact that the basic position of the gripper lies approximately at the center point of an arcuate section of the path of the gripper pull means so that the gripper position is retained even though the pull means may continue to move.

IPC 1-7  
**B65B 13/10**

IPC 8 full level  
**B65B 13/10** (2006.01)

CPC (source: EP US)  
**B65B 13/10** (2013.01 - EP US)

Cited by  
DE4225480A1

Designated contracting state (EPC)  
AT BE CH DE FR GB LI NL SE

DOCDB simple family (publication)  
**EP 0060990 A1 19820929; EP 0060990 B1 19850116**; AT E11260 T1 19850215; CA 1185516 A 19850416; CS 238377 B2 19851113; DE 3110718 C1 19821216; DE 3261874 D1 19850228; US 4409061 A 19831011; YU 33382 A 19860831

DOCDB simple family (application)  
**EP 82100988 A 19820211**; AT 82100988 T 19820211; CA 395544 A 19820204; CS 179382 A 19820316; DE 3110718 A 19810319; DE 3261874 T 19820211; US 34954382 A 19820217; YU 33382 A 19820216