

Title (en)  
PACKAGING MACHINE

Publication  
**EP 0226810 B1 19890726 (DE)**

Application  
**EP 86115856 A 19861114**

Priority  
DE 3545516 A 19851220

Abstract (en)  
[origin: US4739604A] In a packaging machine for packing in packages formed in a material web a printing means having type bars for printing on the material web reciprocally movable between a rest position having a distance from the material web and an operating position, and an inking wheel and drive means for moving the inking means in a direction transversely to the type bars and for applying ink onto the type bars. In order to eliminate the frequent exchange of an ink ribbon the inking wheel is designed such that ink is applied to the type bars only in case the inking wheel is heated to a temperature being above room temperature, and the inking wheel is disposed in a casing which at least partly surrounds the inking wheel and which is designed to be heated and to be moved reciprocally together with the inking wheel.

IPC 1-7  
**B41F 31/00; B65B 61/02**

IPC 8 full level  
**B41F 31/00** (2006.01); **B65B 61/02** (2006.01); **B65B 61/26** (2006.01)

CPC (source: EP US)  
**B41F 31/002** (2013.01 - EP US); **B65B 61/025** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**EP 0226810 A1 19870701; EP 0226810 B1 19890726**; AT E44928 T1 19890815; CA 1275065 A 19901009; DE 3545516 A1 19870625; DE 3664610 D1 19890831; JP S62158634 A 19870714; US 4739604 A 19880426

DOCDB simple family (application)  
**EP 86115856 A 19861114**; AT 86115856 T 19861114; CA 525808 A 19861218; DE 3545516 A 19851220; DE 3664610 T 19861114; JP 30113486 A 19861216; US 93558886 A 19861126