

Title (en)
FORMAT-ADJUSTABLE PACKAGING MACHINE

Publication
EP 0157946 B1 19880518 (DE)

Application
EP 84116273 A 19841222

Priority
DE 3410685 A 19840323

Abstract (en)
[origin: US4565048A] It is proposed to adjust components, tools and devices of a packaging machine to various formats in accordance with the products to be packaged and packaging material to be used. To assure that the operator will approach the correct conversion point when adjusting the individual conversion points in accordance with a program of a data-processing control unit, the various conversion points have code carriers with a code identifying the particular conversion point. The control unit does not emit an adjusting signal until the operator has connected a code reader with the code carrier the code of which agrees with the conversion point displayed at the control unit.

IPC 1-7
B65B 59/00; **B65B 59/02**; **B65B 57/00**

IPC 8 full level
B65B 57/00 (2006.01); **B65B 59/00** (2006.01); **B65B 59/02** (2006.01)

CPC (source: EP US)
B65B 59/001 (2019.04 - EP US); **B65B 59/003** (2019.04 - EP US); **B65B 59/02** (2013.01 - EP US); **B65B 2210/04** (2013.01 - EP)

Citation (examination)
US 3509681 A 19700505 - SASS FRANK J

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0157946 A2 19851016; **EP 0157946 A3 19861217**; **EP 0157946 B1 19880518**; DE 3410685 A1 19851003; DE 3471286 D1 19880623; JP S60217931 A 19851031; US 4565048 A 19860121

DOCDB simple family (application)
EP 84116273 A 19841222; DE 3410685 A 19840323; DE 3471286 T 19841222; JP 5475985 A 19850320; US 69177185 A 19850116