

Title (en)  
PROTECTION DEVICE FOR A PACKAGING MACHINE

Publication  
**EP 0483446 B1 19930728 (DE)**

Application  
**EP 91103245 A 19910304**

Priority  
DE 9014867 U 19901027

Abstract (en)  
[origin: EP0483446A1] On a packaging machine (1) for the packaging of articles with the aid of a foil sheet (7) with a number of stations lying one behind the other, in which both lower tools (16) as well as upper tools are active, a complex protection device is provided which consists of several parts - a vertical end plate (22) positionally fixed on the lower tool (16), a horizontal protective flap (24) which is positionally fixed on the packaging machine (1) but which can be pivoted upwards, and vertical longitudinal plates (28) fixed on the side faces (13) of the packaging machine (1) - which parts, according to the invention are adapted to one another in such a way that even a deliberate intervention of the operating personnel in the work area during operation is reliably prevented. The protection device is of very short constructional length and also protects the inlet and outlet side of each lower tool. If the protective flap (24) is moved from its horizontal position, then the main circuit of the packaging machine (1) is interrupted. <IMAGE>

IPC 1-7  
**B65B 57/00**

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

CPC (source: EP)  
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Cited by  
EP1052174A3; EP2749499A1; US9694414B2; US10118784B2

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