

Title (en)

PACKAGING MACHINE FOR ARTICLES IN SLAB FORM, SUCH AS SLABS OF CHOCOLATE, BARS, BLOCKS OR THE LIKE

Publication

EP 0152039 B1 19880803 (DE)

Application

EP 85101100 A 19850202

Priority

DE 3404694 A 19840210

Abstract (en)

[origin: US4615164A] Packaging machine in which the introduction of wrapping material is shaped in such a way that the material can be conveyed to the lower plunger of the packaging machine at minimal expense and over the shortest possible tong path. This object is attained in that the device for supplying the articles and the equipment for introducing the wrapping material operate toward each other in opposite directions.

IPC 1-7

B65B 11/18

IPC 8 full level

B65B 11/18 (2006.01)

CPC (source: EP US)

B65B 11/18 (2013.01 - EP US)

Citation (examination)

DE 3028152 A1 19810430 - SIG SCHWEIZ INDUSTRIEGES [CH]

Citation (opposition)

Opponent : SAPAL Société Anonyme des Plieuses Automatiques

- DE 1003643 B 19570228 - HESSER AG MASCHF
- IMMO FRANKE: "Verpackungs-Strassen für Schokoladentafeln", SÜSSWAREN, no. 8, April 1964 (1964-04-01), pages 476, XP055268124
- OTTO HÄNSEL GMBH, SPEZIALMASCHINENFABRIK: "Hochleistungsschokoladentafelpackmaschine VITESS 7000", SÜSSWAREN, no. 9, pages 544, XP055268122

Cited by

CN103264786A

Designated contracting state (EPC)

CH GB IT LI

DOCDB simple family (publication)

EP 0152039 A2 19850821; EP 0152039 A3 19860122; EP 0152039 B1 19880803; BR 8500583 A 19850924; DD 229658 A5 19851113; DE 3404694 A1 19850822; DE 3404694 C2 19891102; US 4615164 A 19861007

DOCDB simple family (application)

EP 85101100 A 19850202; BR 8500583 A 19850208; DD 27312585 A 19850207; DE 3404694 A 19840210; US 69920785 A 19850205