

Title (en)

APPARATUS FOR HEAT SEALING SHEETS OF THERMOPLASTIC MATERIAL BETWEEN TWO ELECTRODES.

Title (de)

VORRICHTUNG ZUM HEISSVERSIEGELN VON THERMOPLASTBLATTMATERIAL ZWISCHEN ELEKTRODEN.

Title (fr)

APPAREIL DE SCELLAGE A CHAUD DE FEUILLES EN MATIERE THERMOPLASTIQUE ENTRE DEUX ELECTRODES.

Publication

EP 0282563 A4 19890904 (EN)

Application

EP 87906336 A 19870908

Priority

BE 217136 A 19860909

Abstract (en)

[origin: WO8801933A1] An apparatus for impulse sealing thermoplastic sheets (4, 5). The apparatus includes two electrodes (1, 2), at least one of which is movable (1) and at least one of which has a deformable head. The deformable head includes a flexible tube (9) housed in a cavity (8) of one of the electrodes. Compressed air controls the deformation of the tube. A protective strip (13) overlays the deformable head and may be advanced when necessary to provide a new protective cover for the flexible tube (9).

IPC 1-7

B29C 65/02; **B29C 65/18**; **B31F 5/00**

IPC 8 full level

B29C 65/00 (2006.01); **B29C 65/04** (2006.01); **B29C 65/22** (2006.01); **B29C 65/38** (2006.01)

CPC (source: EP)

B29C 65/04 (2013.01); **B29C 66/00441** (2013.01); **B29C 66/1122** (2013.01); **B29C 66/4312** (2013.01); **B29C 66/73921** (2013.01); **B29C 66/81422** (2013.01); **B29C 66/81455** (2013.01); **B29C 66/8322** (2013.01); **B29C 66/8511** (2013.01); **B29C 65/38** (2013.01); **B29C 65/7891** (2013.01); **B29C 66/71** (2013.01); **B29C 66/8122** (2013.01); **B29C 66/83221** (2013.01); **B29C 66/9241** (2013.01); **B29L 2031/7128** (2013.01)

Citation (search report)

- [X] GB 2056907 A 19810325 - POHLIG HECKEL BLEICHERT
- [X] US 3826702 A 19740730 - CHAPMAN H
- [X] US 2960147 A 19601115 - WESLEY FERRELL
- [X] FR 1164707 A 19581014
- [X] DE 2255762 A1 19730530 - ELWIS INGF
- [Y] US 3473995 A 19691021 - SCHOTT CHARLES M JR
- [Y] US 3524783 A 19700818 - SUTHERLAND DONALD
- [Y] US 4080229 A 19780321 - WILLIAMS DENNIS M
- [Y] DE 2743494 B1 19781026 - STIEGLER MASCHF FELIX
- [X] PATENT ABSTRACTS OF JAPAN, vol. 10, no. 273 (M-518)[2329], 17th September 1986; & JP-A-61 098 528 (TOYOTA MOTOR CORP.) 16-05-1986
- See references of WO 8801933A1

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

WO 8801933 A1 19880324; AU 598600 B2 19900628; AU 8031387 A 19880407; BE 905400 A 19870309; EP 0282563 A1 19880921; EP 0282563 A4 19890904; JP H01500813 A 19890323

DOCDB simple family (application)

US 8702201 W 19870908; AU 8031387 A 19870908; BE 217136 A 19860909; EP 87906336 A 19870908; JP 50578487 A 19870908