

Title (en)  
Continuous motion sealer

Title (de)  
Kontinuierliche Schweissvorrichtung

Title (fr)  
Dispositif de scellage à mouvement continu

Publication  
**EP 1604901 A3 20070509 (EN)**

Application  
**EP 05253606 A 20050610**

Priority  
US 86538904 A 20040610

Abstract (en)  
[origin: EP1604901A2] A continuous motion sealer (10) includes recirculating heat seal heads (70), a container conveyor (36) with pairs of container supporting jaws (48,49), and a film transport for conveying a film with seal areas between said heads and containers for heat sealing film seal areas to the mouths of containers, all while continuously moving said containers in a machine direction. Heat seal heads move in a recirculating path through a heat seal path and are movable toward containers while the jaws engage spaced containers, hold them for sealing, and release them after sealing.

IPC 8 full level  
**B65B 7/28** (2006.01); **B65B 61/00** (2006.01)

CPC (source: EP US)  
**B65B 7/2814** (2013.01 - EP US); **B65B 7/2878** (2013.01 - EP US); **B65B 61/005** (2013.01 - EP US)

Citation (search report)

- [XAY] US 4575987 A 19860318 - FORTUNA VINCENT E [US]
- [X] US 5522200 A 19960604 - FOLDESI STEVEN [CA], et al
- [XY] EP 0559293 A1 19930908 - SHIKOKU KAKOKI CO LTD [JP]
- [X] US 2153039 A 19390404 - DARLING FRANK L
- [X] US 3471992 A 19691014 - AMBERG STEPHEN W, et al
- [A] US 4989393 A 19910205 - SELL FRANK E [US], et al
- [A] DE 19654373 A1 19980702 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [A] EP 0334266 A1 19890927 - MONDINI G SPA [IT]

Cited by  
CN103419967A; WO2023228064A1; US10913211B2; US11312085B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR LV MK YU

DOCDB simple family (publication)  
**EP 1604901 A2 20051214; EP 1604901 A3 20070509; US 2005274092 A1 20051215**

DOCDB simple family (application)  
**EP 05253606 A 20050610; US 86538904 A 20040610**