

Title (en)

Apparatus for continuously forming vacuum packaged body

Title (de)

Vorrichtung zum kontinuierlichen Herstellen eines vakuumverpackten Gegenstand

Title (fr)

Dispositif pour la formation en continu d'un article emballé sous vide

Publication

EP 1221411 B1 20040506 (EN)

Application

EP 01124398 A 20011025

Priority

JP 2001000008 A 20010104

Abstract (en)

[origin: EP1221411A1] An apparatus for vacuum packaging a continuous packaged body of the invention is so constructed that a seal bar 35 and a seal table 36 are mounted in the respective skirt parts 39, 40 of seal blocks 22, 23 opposite to each other with a tube film 20 interposed between them, and in the case of nipping the tube film 20 by both seal blocks 22, 23, plural intermittent teeth 44, 45 spot close the tube film on the inner sides of both skirt parts as one points in the transfer direction of a material to be packaged. Simultaneously, in ports 47 of the face of a standing gap 46 formed thin along the outsides of the above intermittent teeth, the tube film is flared by vacuum suction force, and from the section of the tube film cut by forcing a cutting edge 51 in the seal bar into a receiving groove 52 cut in the seal table, the air in the tube film is sucked through the spot closing gap and the receiving groove 52. By spot closing the tube film by the above intermittent teeth 44, 45, distortion of the film in displacement and suction of the air is restrained, and then the cut end of the tube film is heat sealed by the seal bar 35 and the seal table 36. <IMAGE>

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CPC (source: EP)

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Cited by

CN106043797A; CN109515879A; EP2500286A1; NL2006393C2; EP3428076A1; GB2481620A; GB2481620B; EP2907760A1; US7745669B2; US10301047B2; WO2015121032A1; WO2016071160A1

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