

Title (en)

Seal system for packaging machine tools with integrated lifting rod

Title (de)

Dichtsystem für Verpackungsmaschinenwerkzeuge mit integrierter Hubstange

Title (fr)

Système d'étanchéité pour machines-outils d'emballage dotées d'une tige de levage intégrée

Publication

EP 2179927 B1 20130227 (DE)

Application

EP 09013242 A 20091020

Priority

DE 102008052423 A 20081021

Abstract (en)

[origin: EP2179927A2] The system has two tool halves (1, 2) e.g. heat sealing lower and upper parts, that are movable relative to each other, and a lifting rod (3) that penetrates one of the tool halves (1) in an axial direction. The lifting rod is movable in the axial direction. A sealing (4) seals a gap (5) between the tool half and the lifting rod. A compressing device compresses the sealing in the axial direction, so that the sealing expands perpendicular to the axial direction and seals the gap. The device has a clamping plate (6) that is movable in the axial direction relative to the tool half.

IPC 8 full level

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CPC (source: EP)

B65B 7/164 (2013.01); **B65B 31/028** (2013.01); **B65B 65/00** (2013.01); **B65B 47/00** (2013.01)

Cited by

US2013305661A1; KR102090396B1; EP4049937A1; WO2012107779A1; US9481479B2

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DOCDB simple family (publication)

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