

Title (en)

Multi-row sealing station, corresponding packaging machine and method

Title (de)

Mehrreihige Siegelstation, entsprechende Verpackungsmaschine und entsprechendes Verfahren

Title (fr)

Poste de scellage multirangées, machine à emballer et méthode correspondante

Publication

EP 2644517 B1 20150923 (DE)

Application

EP 13001588 A 20130327

Priority

DE 102012006699 A 20120330

Abstract (en)

[origin: EP2644517A2] The station (1) has a sealing tool (6) including a tool upper part (7) and a tool lower part (8), which accommodates packaging trays (3) in two rows (14, 15). The lower part includes a lowerable supporting disk (16) for lowering one of the rows of trays. A bar chain (12) conveys the trays into and out of the tool. An electrically or pneumatically operable actuator (17) lowers the disk. The disk is lowered from a plane, in which the trays are conveyed into the tool, to another plane extending on a lower level. The lower part is additionally provided with a stationary supporting disk (18). An independent claim is also included for a method for operating a sealing station.

IPC 8 full level

B65B 31/02 (2006.01); **B65B 7/16** (2006.01); **B65B 43/42** (2006.01); **B65B 57/02** (2006.01); **B65B 65/02** (2006.01)

CPC (source: EP US)

B65B 7/162 (2013.01 - US); **B65B 7/164** (2013.01 - EP US); **B65B 31/028** (2013.01 - EP US); **B65B 43/42** (2013.01 - EP US); **B65B 57/02** (2013.01 - EP US); **B65B 65/02** (2013.01 - EP US)

Cited by

EP2977325A1; WO2023084186A1

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DOCDB simple family (publication)

EP 2644517 A2 20131002; **EP 2644517 A3 20131106**; **EP 2644517 B1 20150923**; CN 103359305 A 20131023; CN 103359305 B 20151028; DE 102012006699 A1 20131002; ES 2551430 T3 20151119; US 2013255200 A1 20131003

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