

Title (en)
TRAY EMPTYING STATION FOR EMPTYING TRAYS FILLED WITH ROD-SHAPED ARTICLES AND METHOD FOR EMPTYING A TRAY FILLED WITH ROD-SHAPED ARTICLES BY MEANS OF A TRAY EMPTYING STATION

Title (de)
SCHRAGENENTLEERSTATION ZUM ENTLEREEN VON MIT STABFÖRMIGEN PRODUKTEN GEFÜLLTEN SCHRAGEN UND VERFAHREN ZUM ENTLEREEN EINES MIT STABFÖRMIGEN PRODUKTEN GEFÜLLTEN SCHRAGENS MITTELS EINER SCHRAGENENTLEERSTATION

Title (fr)
STATION DE VIDAGE DE BAQUETS DESTINÉE À VIDER DES BAQUETS REMPLIS DE PRODUITS EN FORME DE TIGE ET PROCÉDÉ POUR VIDER DES BAQUETS REMPLIS DE PRODUITS EN FORME DE TIGE À L'AIDE D'UNE STATION DE VIDAGE DE BAQUETS

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Application
EP 16181591 A 20160728

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Abstract (en)
[origin: CN106387992A] The invention relates to a tray emptying station for emptying trays filled with rod-shaped articles. The tray emptying station comprises a receiving space used for receiving articles flowing out from the tray during the emptying process and a conveying element connected with the receiving space, and rod-shaped articles can be conveyed out through the conveying element. The tray emptying station is characterized in that a storage area is arranged above the receiving space and serves as a buffer between the tray to be emptied and the receiving space; at least one sensor is arranged, the sensor monitors the storage area and/or the receiving space, a control or adjusting device is arranged, and obtains information related to a monitored area from the sensor, and guides the tray into the tray emptying station based on the monitoring information, and/or controls or adjusts a device used for conveying the rod-shaped articles to pass through the storage area.

IPC 8 full level
A24C 5/356 (2006.01)

CPC (source: CN EP)
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Citation (search report)

- [XDYI] DE 102008047655 A1 20100325 - HAUNI MASCHINENBAU AG [DE]
- [X] EP 1086628 A2 20010328 - HAUNI MASCHINENBAU AG [DE]
- [X] DE 3304131 A1 19840209 - FOCKE & CO [DE]
- [XY] EP 1741351 A1 20070110 - GD SPA [IT]
- [AD] DE 102007005749 A1 20080814 - HAUNI MASCHINENBAU AG [DE]
- [AD] DE 4118267 A1 19921210 - HAUNI WERKE KOERBER & CO KG [DE]

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