

Title (en)

DEVICE FOR MANIPULATING TREATED TINPLATE SHEETS

Title (de)

VORRICHTUNG ZUR HANDHABUNG VON BEHANDELTEN ZINBLECHEN

Title (fr)

MANIPULATEUR POUR FEUILLES DE FER BLANC TRAITEES

Publication

**EP 1949983 A2 20080730 (EN)**

Application

**EP 05824287 A 20051130**

Priority

- ES 2005000651 W 20051130
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Abstract (en)

The invention relates to a device for manipulating treated tinplate sheets, combining a tinplate sheet cutter and a machine for forming containers for food products or similar and comprising a receiving table (1-2) containing a plurality of number - and width-configurable channels (3) which receive different sizes of sheets with the treated surface thereof facing downwards. According to the invention, when a signal detector (4) establishes that there are a pre-determined number of sheets in the channels (3), a signal is transmitted to a first cylinder (5) which lifts the channels and, immediately thereafter, a second cylinder (6) pulls the sheets from the loading area (1) to the discharge area (2), whereat piles of sheets are deposited on supports (7) in order to be gripped by a manipulator arm which conveys said sheets either to a collection tray or to an unloading/turning arm which conveys same to the tower used to feed the container-forming machine. The inventive process is fully automatic and the treated surface of the sheets is always protected, with the position thereof being inverted just prior to reaching the forming machine.

IPC 8 full level

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CPC (source: EP ES)

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Citation (search report)

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