

Title (en)

Process and apparatus for automatically feeding a conveyor with carton blanks taken directly from bowl containers

Title (de)

Vorrichtung und Verfahren zum selbsttätigen Zuführen von direkt aus einer Schachtel genommenen Kartenzuschnitten zu einem Transporteur

Title (fr)

Procédé et dispositif pour alimenter automatiquement un convoyeur avec des flans pris directement d'une boîte

Publication

EP 0528772 B1 19960320 (EN)

Application

EP 92830410 A 19920723

Priority

IT BO910281 A 19910726

Abstract (en)

[origin: EP0528772A1] The process for automatically feeding a conveyor (6) with stacks (1) of blanks (2) taken directly from respective bowl containers (3) includes clamping a stack (1) of blanks (2) by pickup means (14), at a picking up station (9). After having ripped the leading wall of the container (3), the stack (1) is transferred to a station (10) where the blanks (2) are released behind a row (11) of blanks previously fed to the conveyor, while the container (3) is kept at the picking up station (9). At the release station (10) the front jaw (15a) of the pickup means (14) is moved forward so as to allow the blanks to partially slant forward, and then a pressure is applied on the stack (1) of blanks (2) in synchrony with the pickup means (14) being opened, so as to complete the tipping of the blanks (2). At the picking-up station (9) the container (3) already emptied is lastly pushed aside. <IMAGE>

IPC 1-7

B65H 1/30; **B65B 69/00**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0987203A3; US5733099A; EP4108605A4; JP2020200080A; EP2858907A4; EP0896937A3; FR3116523A1; EP4005937A3; US6290452B1; US11975875B2; US9346580B2; US9856047B2; US7033129B2; US11198570B2; IT201700101123A1; KR20200052903A; CN111212788A; JP2022520709A; CN115515870A; US2023108345A1; EP4108608A4; WO03045825A1; WO2019049075A1; EP2678232B1

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