

Title (en)

A METHOD TO APPLY A CORNER PROTECTION AND A SHEET USED FOR SAID METHOD

Title (de)

VERFAHREN ZUR ANBRINGUNG EINES KANTENSCHUTZES UND FOLIE FÜR DIESES VERFAHREN

Title (fr)

PROCÉDÉ POUR APPLIQUER UNE PROTECTION DE COIN ET FEUILLE UTILISÉE POUR LEDIT PROCÉDÉ

Publication

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Application

**EP 09746846 A 20090515**

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Abstract (en)

[origin: WO2009139686A1] The invention relates to a method for arranging corner protectors (1) on a number of articles (2) covering corners (3) located on them in order to protect the articles (2) from mechanical damage, the articles being packed on a loading pallet (11) conveyed forward on a conveyor belt (16) to an essentially predetermined position (12), wherein, on either side of the corner (3), the articles (2) have contact surfaces (4), which articles (2), in a first operation, are in this case glued or wrapped with shrink/stretch/ plastic film, whereupon the gripping device of an industrial robot (9) picks up and displaces a flat sheet (5) and rotates its surface of extension, in a second operation, towards a nozzle/unit (15), which provides the surface of extension with glue, in a third operation, whereupon the sheet (5) is applied to one of the contact surfaces (4), in a fourth operation, wherein the rest of the flat sheet (5) points away from the corner (3) in order to be shaped there around the corner (3) against the contact surfaces (4) to form the corner protector (1), in a fifth operation, when the parts are wrapped with at least one further layer of shrink/stretch/ plastic film, for example.

IPC 8 full level

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Citation (search report)

- [A] US 5647191 A 19970715 - VILLEMURE ALAIN [CA]
- [A] US 3667598 A 19720606 - ZELNICK SEYMOUR, et al
- [A] DE 4200024 A1 19930708 - PETER JOSEF KORZILIUS SOEHNE G [DE]
- [A] US 6012587 A 20000111 - MCCULLOUGH LARRY S [US]
- See also references of WO 2009139686A1

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