

Title (en)
DEVICE AND METHOD FOR REMOVING A FORMED BOX FROM A MANDREL

Title (de)
VORRICHTUNG UND VERFAHREN ZUR ENTFERNUNG EINER SCHACHTEL VON EINEM DORN

Title (fr)
DISPOSITIF ET PROCÉDÉ D'EXTRACTION D'UNE BOITE FORMÉE D'UN MANDRIN

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Application
EP 17792124 A 20171009

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Abstract (en)
[origin: CA3039998A1] The present invention relates to a device for removing a box or box part with a polygonal section from a chuck (51) comprising an upper face (511) and an application face (510) interconnected by lateral faces and an end face (514), on which chuck the box has been previously formed from a blank (1). It comprises a plate (64) comprising first gripping means and translatably movable between a deployed position in which the plate is near the end face (514) of the chuck on which the lateral flaps (16a to 16d) are intended to be folded and a folded position in which the plate (64) is away from the chuck (51). The chuck (51) itself is movable between a first forming position, in which the outer cross-section thereof corresponds to the inner cross-section of the box or box part, and a second retracted position, in which the outer cross-section thereof is smaller than the inner cross-section of the box or box part.

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