

Title (en)

APPARATUS AND METHOD FOR CUTTING A TUBULAR CARDBOARD ROD

Title (de)

VORRICHTUNG UND VERFAHREN ZUM SCHNEIDEN EINER RÖHRENFÖRMIGEN PAPPSTANGE

Title (fr)

APPAREIL ET PROCÉDÉ POUR DECOUPER UNE TIGE TUBULAIRE EN CARTON

Publication

EP 4159392 A1 20230405 (EN)

Application

EP 22187659 A 20220728

Priority

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Abstract (en)

A cutting apparatus (1) of a tubular cardboard rod (100) having a longitudinal extension axis (X), comprising:- an oblique cutting station (2),- feeding means (3) for feeding the tubular rod (100) to the oblique cutting station (2);- at least a first cutting blade (4) of the tubular rod (100) arranged at the oblique cutting station (2).The first cutting blade (4) is inclined with respect to a transverse section of the tubular rod (100) and the cutting apparatus (1) comprises means for moving (6) the first cutting blade (4) configured to bring the first cutting blade (4) closer to the tubular rod (100) and to move it along a closed path extending around the tubular rod (100) so as to create an elliptical cutting section.

IPC 8 full level

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Citation (search report)

- [A] WO 2021064145 A1 20210408 - PERINI FABIO SPA [IT]
- [A] EP 0037805 A1 19811014 - LANDEGRENS N W MEK VERK AB [SE]
- [A] DE 1949080 A1 19710401 - MARSCHALLEK EDGAR
- [A] FR 1287015 A 19620309

Designated contracting state (EPC)

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