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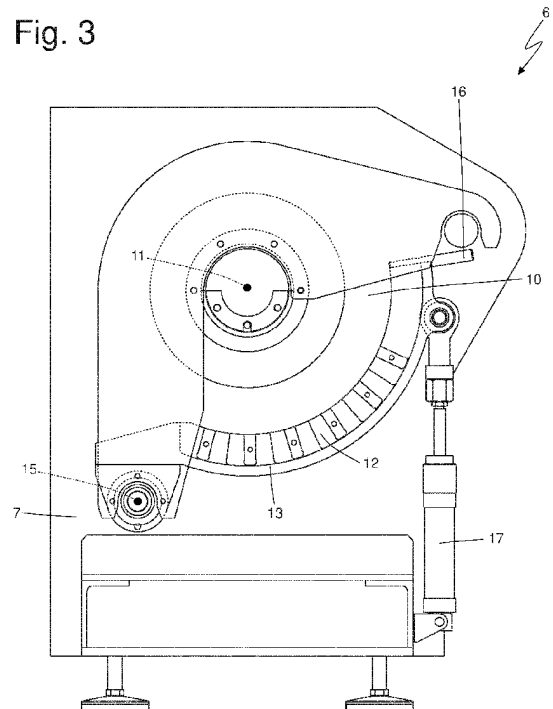
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(54) **STRAW CORRUGATING UNIT AND METHOD**

(57) A corrugating unit (6) and method for a straw (1). The following are provided: at least one seat (9), which is designed to house the straw (1); a conveyor (8), which is configured to move the seat (9) carrying the straw (1) along a processing path (P); a corrugating station (S3), which is arranged along the processing path (P) and has a plurality of blades (12), which are all arranged parallel to the processing path (P), and are mounted so as to remain, in use, still relative to the conveyor (8) so that the seat (9), while moving along the processing path (P), causes the straw (1) to come into contact with the blades (12), thus determining a deformation of the straw (1) in the area of each blade (12); and a support arm (13), which supports all the blades (12) and is mounted in a movable manner on the frame (7), so as to move between a work position, in which the blades (12) are in the area of the processing path (P), and a rest position, in which the blades (12) are far from the processing path (P).

Fig. 3



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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 26 August 2024	Examiner Zeiler, Johannes
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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