Title (en)
AN APPARATUS AND A METHOD FOR CUTTING A WEB OF WOVEN SHEET MATERIAL

Title (de)
VORRICHTUNG UND VERFAHREN ZUM SCHNEIDEN EINER BAHN AUS GEWEBTEM BLATTMATERIAL

Title (fr)
APPAREIL ET PROCÉDÉ POUR COUPER UNE BANDE DE MATIÈRE TISSÉE EN FEUILLE

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Application
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Abstract (en)
[origin: WO2021234553A1] An apparatus and a method for cutting a moving web (2) of woven sheet material is disclosed. The key components of the apparatus are a pre-draw roller assembly (9) and post-draw roller assembly (11); a cross cutter apparatus (7), mounted at an angle between said roller assemblies (9, 11), and having a moveable knife assembly (38); a system of pneumatic cylinders (16, 17, 18, and 19) that operate a first tension rollers assembly (13) and second tension roller assembly (14) respectively mounted corresponding to said pre-draw assembly (9) and post-draw assembly (11) that help hold down said moving fabric securely and under tension; and a cross cutter apparatus (7) having a movable knife assembly (38) in between of the rollers (9, 11), and a set of pulleys (28, 29) that make possible the movement of the knife assembly on a cutting platform (8), whereby the continuous web (2) is cut into the web cut pieces (15).

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