

Title (en)

FACILITY FOR PRODUCING PLANE STRETCHED MATERIAL

Title (de)

EINRICHTUNG ZUR HERSTELLUNG VON EBENFLÄCHIGEM STRECKMATERIAL

Title (fr)

DISPOSITIF POUR FABRIQUER UN MATERIAU D'ETIRAGE A SURFACE PLANE

Publication

EP 1644141 B1 20070912 (DE)

Application

EP 03735146 A 20030710

Priority

AT 0300194 W 20030710

Abstract (en)

[origin: US2007050960A1] A device is proposed for producing expanded flat material, comprising a cutting and expanding device and a coiling device, the starting material for which is a foil web, the expanding device having toothed belt pairs or the like conveyor means guided over partially driven deflection rollers, which conveyor means hold the foil web at the edges and makes it advance and gives the expanded strip a uniform structure over the entire width. This is characterized in that the expanding device on both sides of the foil web has respectively one toothed belt pair that guides the foil web vertically upwards with one lateral edge, starting from the horizontal plane, via hinged, optionally rigid, sliding blocks arranged in the interior area of the toothed belts, while the other lateral edge of the foil web is guided vertically downwards in the same manner, i.e., forming a scissor movement, and an expansion of the foil web is formed across the resulting diagonal.

IPC 8 full level

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CPC (source: EP US)

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