

Title (en)
EXPANDED METAL PRODUCTION MACHINE

Title (de)
STRECKGITTERMASCHINE

Title (fr)
MACHINE POUR OBTENIR DU METAL DEPLOYE

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Application
EP 06705815 A 20060113

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Abstract (en)
[origin: WO2006074652A1] The invention relates to an expanded metal production machine (14), comprising: a fixed blade (3); a blade (4), which can be displaced in a vertical direction and in a transverse direction and which has a cutting edge (6) with cutting projections (8) that are interspaced in the transversal direction; a conveying device for conveying a flat material (2) in a direction of conveyance (T) between the blades (3, 4); a ram for effecting a periodic vertical movement of the displaceable blade (4), and; a transversal displacing device (17) for effecting a transversal displacement of the displaceable blade (4) that is synchronized with the reciprocating motion. In order to enable a precise fine adjustment of the cutting gap, the invention provides that the fixed blade (3) is held in a fixed one-piece or multiple piece blade holding fixture (22) that can be vertically adjusted by a depth of cut adjusting device (24) for adjusting a vertical depth of cut (20) between the blades. This depth of cut adjusting device has at least two oppositely tapering wedges (26, 27), which can be displaced in a coupled manner and which have parallel sloped surfaces (26b, 27a) that are held in the blade holding fixture (22) in a sliding manner.

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