

Title (en)

DEVICE FOR CONTINUOUS PRODUCTION OF FOIL EXPANDED METAL

Title (de)

VORRICHTUNG ZUR KONTINUIERLICHEN HERSTELLUNG VON STRECKMETALL AUS EINER FOLIE

Title (fr)

INSTALLATION POUR LA PRODUCTION EN CONTINU DE METAL DEPLOYE A PARTIR D'UNE FEUILLE

Publication

**EP 0981412 A1 20000301 (DE)**

Application

**EP 98925580 A 19980512**

Priority

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- EP 9802774 W 19980512

Abstract (en)

[origin: US6526637B1] A device for continuous production of foil expanded metal comprising a cutting unit for continuous production of parallel, staggered longitudinal cuts in the foil, and an expansion unit for expanding the foil with the cuts perpendicularly to the longitudinal direction of the foil, the expansion unit provided with toothed belts which grasp both edges of the foil, in addition to a running body which is arranged therebetween to expand the foil running thereon. The configuration of the device is such that a toothed belt and a toothed wheel interacting therewith at a given angle are assigned to each foil edge, the edge of the foil is grasped between the toothed belt and the toothed wheel within an input and an output point. The toothed wheels are inclined in relation to each other so that their distance perpendicular to the longitudinal direction of the foil increases at the contact angle in the longitudinal direction of the foil.

IPC 1-7

**B21D 31/04**

IPC 8 full level

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CPC (source: EP US)

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