

Title (en)

Method for making sheet metal plates, especially large sized sheet metal plates, and device therefor

Title (de)

Verfahren zum Herstellen von Blechtafeln, insbesondere grossformatigen Blechtafeln, und Vorrichtung

Title (fr)

Méthode de production de feuilles de tôle, et particulièrement de feuilles de tôle de grand format, et dispositif

Publication

EP 0707905 B1 19971126 (DE)

Application

EP 95110204 A 19950630

Priority

DE 4437872 A 19941022

Abstract (en)

[origin: EP0707905A1] Metal strip prodn. in a continuous process is heat treated to relieve stresses, bend-stretched for straightening and in a subsequent discontinuous process, pull-stretched and cut into required plate sizes. The installation consists of a continuously operating section with at least one heat treatment unit (9) contg. annealing and cooling sections (9a,9b) and a bend-stretching unit (12), and a discontinuously operating pull-stretching unit (14) followed by a cutting unit (19).

IPC 1-7

B21D 25/00; B21D 1/05

IPC 8 full level

B21D 1/05 (2006.01); **B21D 25/00** (2006.01); **B21B 1/22** (2006.01); **B21B 41/00** (2006.01); **B21B 45/00** (2006.01)

CPC (source: EP US)

B21D 1/05 (2013.01 - EP US); **B21D 25/00** (2013.01 - EP US); **B21B 41/00** (2013.01 - EP US); **B21B 45/004** (2013.01 - EP US);
B21B 2001/228 (2013.01 - EP US)

Cited by

WO2017037194A1

Designated contracting state (EPC)

BE FR GB

DOCDB simple family (publication)

DE 4437872 C1 19960314; CA 2161037 A1 19960423; CA 2161037 C 19990302; EP 0707905 A1 19960424; EP 0707905 B1 19971126;
US 5579658 A 19961203

DOCDB simple family (application)

DE 4437872 A 19941022; CA 2161037 A 19951020; EP 95110204 A 19950630; US 53498095 A 19950928