

Title (en)

FACILITY FOR PRODUCING METAL SHEETS OR HOLLOW CHAMBER PLATES FROM EXTRUDED PROFILES

Title (de)

ANLAGE ZUR HERSTELLUNG VON BLECHTAFELN ODER HOHLKAMMERPLATTEN AUS STRANGPRESSPROFILIEN

Title (fr)

INSTALLATION DESTINÉE À FABRIQUER DES FEUILLES DE TÔLE OU DES PLAQUES CREUSES À PARTIR DE PROFILÉS EXTRUDÉS

Publication

EP 3801940 B1 20230517 (DE)

Application

EP 19736292 A 20190524

Priority

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- DE 2019000150 W 20190524

Abstract (en)

[origin: CA3106737A1] An apparatus for producing metal sheets from extruded profiles of small thickness or of hollow chamber plates of light metal, preferably of magnesium or magnesium alloys, comprises an extruder for producing an extruded profile which is open along a surface line. A separating device is provided for cutting the extruded profile to length corresponding to the length of the metal sheet to be produced, or the hollow chamber plate to be produced. A bending unit is used for deforming the extruded profile into a U-shaped profile. An expansion unit is provided for expanding the U-shaped profile into a flat metal sheet or a hollow chamber plate. A stacking unit is also provided. At least one expansion unit is arranged parallel to the extrusion line and thus the extrusion and expanding processes are decoupled from one another.

IPC 8 full level

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CPC (source: EP KR US)

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