

Title (en)

Production of profiled self-portable tiles.

Title (de)

Herstellung von profilierten selbsttragenden Dachelementen.

Title (fr)

Fabrication de plaques profilées autoportantes.

Publication

EP 0163310 A2 19851204 (EN)

Application

EP 85106678 A 19850530

Priority

BR 8402675 A 19840530

Abstract (en)

The invention provides a process and a machine by which self-portable tiles for the roofs of warehouses, industrial buildings and other structures can be produced on the building site. A machine mounted on the chassis of a truck includes a train of rolls (5) for profiling metal strip, regulation and maintenance systems corresponding to each pair of rolls, an operating system made up of a single chain (16), and means for balancing the profiling machine through central hinges (24) and hydraulic pistons (25), all synchronised to allow the profiling and curving of the self-portable tiles produced. Another feature is a venation device that, conjugated to the profiling machine and locate between the last group of profiling rolls and the first group of bending rolls, and working synchronously with these groups, preferably using the system of movement transmission of the profiling machine, makes a transverse cold venation in the lateral longitudinal sections of the adjusted tile, offering a higher mechanical resistance to the efforts and demands originated by the wind and by the weight of the self-portable.

IPC 1-7

B21D 13/04

IPC 8 full level

B21D 13/04 (2006.01)

CPC (source: EP)

B21D 13/045 (2013.01)

Cited by

GB2251819A; US5664451A; WO9704893A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0163310 A2 19851204; EP 0163310 A3 19870819; BR 8402675 A 19860107; ES 543610 A0 19861216; ES 8701545 A1 19861216; PT 79745 A 19850101; PT 79745 B 19880315

DOCDB simple family (application)

EP 85106678 A 19850530; BR 8402675 A 19840530; ES 543610 A 19850529; PT 7974584 A 19841221