Title (en)
DEVICE FOR PRODUCING STRUCTURAL ELEMENTS

Title (de)
ANLAGE ZUM HERSTELLEN VON BAUELEMENTEN

Title (fr)
INSTALLATION POUR FABRIQUER DES ELEMENTS DE CONSTRUCTION

Publication
EP 1635971 A1 20060322 (DE)

Application
EP 04735846 A 20040603

Priority
• AT 2004000195 W 20040603
• AT 9052003 A 20030611

Abstract (en)
[origin: WO2004108321A1] The invention relates to a method for continuously producing structural elements (B) comprising two flat and parallel wire netting mats (M, M') consisting of crossing longitudinal and transversal wires which are welded at the points where they are jointed to each other by straight web wires (S, S') maintaining said wire netting mats at a predefined space from each other and of insulating elements arranged therebetween and crossed by the web wires. The inventive method consists in placing in parallel two wire netting mats in a production channel (2) at a distance with respect to each other corresponding to a desired thickness of the structural element. An insulation plate (I, I') made of a heat insulating material is arranged in the space between the parallel wire netting mats and several web wires are simultaneously inserted through at least one of the wire netting mats and a the insulating element from at least one alternate side in a an opposite direction to the diagonal on the planes which are perpendicular to the planes of the wire netting mats, said web wires being then welded to the wires (L, L'; Q, Q') of the netting mats. A device for carrying out said method and the thus produces structural element are also disclosed.

IPC 1-7
B21F 27/12

IPC 8 full level
B28B 15/00 (2006.01); **B21F 27/12** (2006.01)

CPC (source: EP)
B21F 27/128 (2013.01)

Cited by
ES2942221A1; DE102010027731A1; DE202014102408U1; DE202014104299U1; WO2015177287A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004108321 A1 20041216; AT 8276 U1 20060515; AT E368540 T1 20070815; AU 2004244664 A1 20041216; AU 2004244664 B2 20090924; DE 502004004517 D1 20070913; EA 006403 B1 20051229; EA 200500549 A1 20050825; EP 1635971 A1 20060322; EP 1635971 B1 20070801; MA 27477 A1 20050801; PE 20050409 A1 20050614; RO 122344 B1 20090430; RU 2003128022 A 20050310; RU 2256553 C2 20050720; SI 1635971 T1 20080229; UA 82672 C2 20080512

DOCDB simple family (application)
AT 2004000195 W 20040603; AT 04735846 T 20040603; AT 80492005 U 20050630; AU 2004244664 A 20040603; DE 502004004517 T 20040603; EA 200500549 A 20040603; EP 04735846 A 20040603; MA 28230 A 20050419; PE 2004000564 A 20040607; RO 200300562 A 20030626; RU 2003128022 A 20030917; SI 200430473 T 20040603; UA 2005001027 A 20040603