

Title (en)

CONSTRUCTION ELEMENT PRODUCTION DEVICE, AND RELATED SYSTEM, METHOD AND CONSTRUCTION ELEMENT

Title (de)

BAUELEMENTSPRODUKTIONSVORRICHTUNG, UND DAMIT VERBUNDENE SYSTEM, VERFAHREN UND BAUELEMENT

Title (fr)

DISPOSITIF DE CONSTRUCTION D'ÉLÉMENTS DE CONSTRUCTION, ET SYSTÈME, MÉTHODE ET ELEMENT DE CONSTRUCTION RELIÉS À CE DISPOSITIF

Publication

EP 4306283 A2 20240117 (EN)

Application

EP 23184566 A 20230710

Priority

- ES 202230633 A 20220711
- ES 202231028 A 20221129

Abstract (en)

Construction element (1) production device comprising a hopper (2) for input of construction material (12) into an extruder (21) that pushes said construction material (12) towards a nozzle (3), wherein said nozzle (3) comprises at least a first rectangular section (33) and a second rectangular section (34) laterally offset from each other and at least partially joined along their largest faces (11a). The invention also relates to a production system associated with a construction element (1) production device having a screw extruder (21). A method of producing construction elements (1) using the aforementioned production system is also claimed, as is a construction element (1) obtained through this method. The construction element (1) comprises a plurality of rectangular prisms (11) joined along parts of their largest faces (11a). This allows an easy placement thanks to a self-assembling structure, while limiting sonic and/or thermal transmission.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- CN 215857496 U 20220218 - CHINA RAILWAY SIXTH GROUP CO, et al
- CN 215848732 U 20220218 - ZHONGYI CONSTRUCTION HEBEI CO LTD

Designated contracting state (EPC)

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