

Title (en)

Binding process for an air heater and structure thereof

Title (de)

Bindungsverfahren für einen Luftherhitzer und dessen Struktur

Title (fr)

Procédé de liaison pour un chauffage d'air et structure de celui-ci

Publication

EP 2023056 A1 20090211 (EN)

Application

EP 07014934 A 20070730

Priority

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Abstract (en)

A binding process for an air heater and structure thereof, in particular a heater having application in air, in which various modularized prefabricated units are used to assemble and enable subsequent binding and rapid production of the heater. An electric conduction test is simultaneously implemented during the binding process, which enables accelerating the speed of solidification of a binding material and avoids a baking energy load. The present invention is able to withstand a relatively large assembly clamping pressure during the binding process, and achieves a substantially large secure mechanical force fit between the components after completing assembly that provides good conducting physical properties.

IPC 8 full level

B29C 65/34 (2006.01); **F24H 3/04** (2006.01)

CPC (source: EP)

F24H 3/0405 (2013.01); **F24H 9/1872** (2013.01)

Citation (applicant)

EP 1515587 A1 20050316 - CATEM GMBH & CO KG [DE]

Citation (search report)

- [A] EP 1515587 A1 20050316 - CATEM GMBH & CO KG [DE]
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Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

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