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(54) **Modular element for the production of heating radiators and process for the manufacturing thereof**

(57) The invention provides a modular element for composing heating radiators comprising a die-casting finned structure of aluminium, defining one, two or more vertical conduits extending between two horizontal conduits, namely an upper and a lower, in which in the or each vertical conduit a tubular insert is disposed, of a metal with a higher mechanical strength and chemical

corrosion resistance than the material forming the finned structure. The inner surface of the upper and lower horizontal conduits in said structure is lined with a layer of anticorrosive material deposited thereon after casting the structure. The invention also relates to a process for manufacturing the modular radiator element.

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EUROPEAN SEARCH REPORT

Application Number
EP 07 12 2552

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			F28D B22D F28F
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 29 January 2010	Examiner Martínez Rico, Celia
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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