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(54) **Lighting unit**

(57) A solid state lighting unit (100). The lighting unit (100) includes a lens device (104), at least one solid state lighting device (106,108), and a heat sink (112). The lens device (104) and the heat sink (112) are push fit coupled directly together in manner such that the solid state lighting device (106,108) is held in thermal contact with the heat sink (112) thereby enabling, in use, at least some of the heat generated by solid state lighting device (106,108) to be transferred to the heat sink (112) by conduction.

A method of manufacturing a lighting unit (100) is also disclosed.

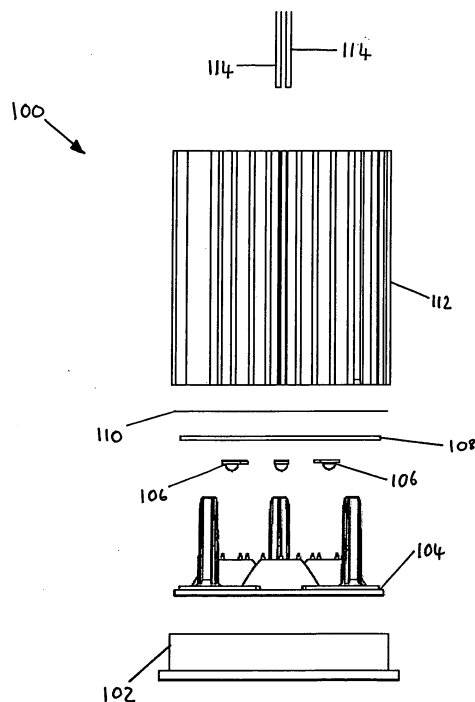


Fig. 3



EUROPEAN SEARCH REPORT

Application Number
EP 12 00 0803

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 17 September 2012	Examiner Hulne, Serge
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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