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- (71) **Applicant:** NATIONAL UNIVERSITY OF SINGAPORE [SG/SG]; 21 Lower Kent Ridge Road, Singapore 119077 (SG).
- (72) **Inventors:** LEE, Poh Seng; c/o National University of Singapore, Faculty of Engineering, Department of Mechanical Engineering, 21 Lower Kent Ridge Road, Singapore 119077 (SG). ZENG, Shi; 19-C, 2019 Nanshan Road, Shenzhen 518052 (CN).
- (74) **Agent:** ENGLISH, Matthew; Marks & Clerk Singapore LLP, Tanjong Pagar Post Office, P.O. Box 636, Singapore 910816 (SG).
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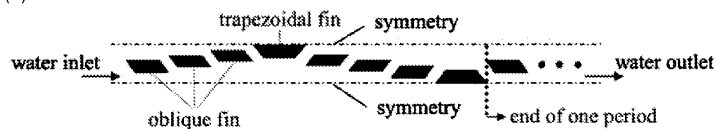
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(54) **Title:** HEAT SINK ARRAY AND METHOD OF USE

Fig. 1
(a)



(57) **Abstract:** The present invention provides a heat transfer device comprising: at least one channel including an upstream zone, a downstream zone, and a mixing zone intermediate the upstream and downstream zones; the upstream zone including an upstream separating configuration arranged to separate an inflow to the upstream zone into a plurality of upstream sub-flows; and the mixing zone including a converging configuration arranged to converge at least two upstream sub-flows into the mixing zone to form a primary mixed flow.



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