

Title (en)
HEAT EXCHANGER

Publication
EP 0017202 A3 19801126 (DE)

Application
EP 80101693 A 19800329

Priority
• DE 2912998 A 19790331
• DE 3005958 A 19800216

Abstract (en)
[origin: EP0017202A2] 1. A heat exchange arrangement comprising at least one tube (5) provided with a plurality of annular fins (3), a guide member (4) closely surrounding the fins (3), and an inlet nozzle (1) and an outlet duct (1.2), the height (r) of the fins (3) of the finned tube (5) being smaller than the diameter (d) of the tube (5), characterized in that the smallest width (E) of the inlet opening (1.1) is smaller than the diameter (d) of the tube (5), and the width (A) of the outlet opening of the outlet duct (1.2) is smaller than the width (E) of the inlet opening (1.1) of the inlet nozzle (1).

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CPC (source: EP)
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Citation (search report)
• GB 500389 A 19390208 - BRITISH LEYLAND MOTOR CORP, et al
• BE 51302 A
• FR 841618 A 19390524
• GB 850532 A 19601005 - CARVES SIMON LTD
• US 3160145 A 19641208 - MILLER AVY L
• DE 335361 C 19210331 - DIPL JNG HEINRICH FÖGE
• DE 1940963 A1 19710225 - ZWEIGNIEDERLASSUNG NUERNBERG, et al
• GB 934631 A 19630821 - ANDRE HUET
• DE 138943 C

Cited by
CN110030849A; WO9214110A1

Designated contracting state (EPC)
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EP 0017202 A2 19801015; EP 0017202 A3 19801126; EP 0017202 B1 19820428; DE 3060325 D1 19820609

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