

Title (en)
HEAT-EXCHANGER AND PROCESS FOR PRODUCING A LAMELLA FOR A HEAT-EXCHANGER

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EP 0493665 A3 19921119 (DE)

Application
EP 91119203 A 19911112

Priority
DE 4042195 A 19901229

Abstract (en)
[origin: EP0493665A2] The invention relates to a heat exchanger having tubes (12) provided with a multiplicity of gills (32). It is proposed to introduce recesses (40, 41) into the gill (12) in the region of high temperatures. It is possible in this way to achieve a more uniform temperature distribution and as small as possible a maximum temperature difference on the gill. Furthermore, it is proposed for the purpose of producing the gill (32) to proceed from a standardised basic gill and to punch out recesses (40, 41, 48) subsequently for the purpose of matching to the performance of the heat exchanger within a range of heat exchangers, or of influencing the heat flux. <IMAGE>

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F28F 1/32

IPC 8 full level
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Citation (search report)
• [AD] AT 391022 B 19900810 - VAILLANT GMBH [AT]
• [A] US 4738225 A 19880419 - JUANG JINN C [TW]
• [A] FR 2421355 A1 19791026 - THERMAL WAERME KAELTE KLIMA [DE]
• [A] GB 696380 A 19530826 - JUNKERS & CO

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