

Title (en)

FINNED TUBE WITH A NOTCHED GROOVE BOTTOM AND METHOD FOR MAKING IT

Publication

EP 0222100 B1 19890809 (DE)

Application

EP 86112550 A 19860910

Priority

EP 85113859 A 19851031

Abstract (en)

[origin: US4796693A] A tube for heat transfer systems or the like is provided which includes helically or circumferentially disposed, radially extending ribs or fins. The base of the grooves defined between adjacent fins has a plurality of discrete impressions defined therein. The provision of discrete impressions in the groove base improves the heat transfer characteristics of the tube by greatly increasing the outer surface area of the tube relative to the inner surface area of the tube.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102016006914A1; DE102016006914B4; DE102014002829A1; DE102018004701A1; DE10101589C1; EP0495453A1; US5186252A; US6119770A; DE4404357C1; EP0667504A1; DE4404357C2; DE202020005625U1; DE202020005628U1; EP1223400A2; US6913073B2; WO2017207089A1; US10996005B2; WO2022089772A1; WO2022089773A1; EP2101136A2; US8281850B2; EP3581871A1; US11073343B2

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