

Title (en)
Heat exchanger with finned tubes

Title (de)
Rippenrohrwärmeaustauscher

Title (fr)
Echangeur de chaleur tubulaire à ailettes

Publication
EP 0658736 B1 19970326 (DE)

Application
EP 93850231 A 19931214

Priority
EP 93850231 A 19931214

Abstract (en)
[origin: EP0658736A1] A heat exchanger (16) with finned tubes has a tubular body (17) and surface-enlarging elements present on the latter which consist of a relatively large number of fins (18) which are welded on the outside of the body (17) and project outwards from the latter. The fins (18), and also the body (17), are produced from a carbon steel. With the aim of reducing the risk of the formation of cracks on the weld (welding) groove between the fins (18) and the tubular body (17), or in the parts of the fins (18) adjacent to the body (17), the carbon content of the material used to produce the fins is substantially lower than the carbon content of the material used to produce the tubular body (17). <IMAGE>

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F28F 1/12; **F28F 21/08**

IPC 8 full level
F28F 1/12 (2006.01); **F28F 21/02** (2006.01); **F28F 21/08** (2006.01)

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