

Title (en)

A REINFORCING INSERT FOR A HEAT EXCHANGER TUBE

Title (de)

VERSTÄRKUNGSEINSATZ FÜR EIN WÄRMETAUSCHERROHR

Title (fr)

INSERT DE RENFORCEMENT POUR TUBE D'ÉCHANGEUR DE CHALEUR

Publication

**EP 4339542 A1 20240320 (EN)**

Application

**EP 22196352 A 20220919**

Priority

EP 22196352 A 20220919

Abstract (en)

A reinforcing insert (100) for a heat exchanger tube (102) is disclosed. The reinforcing insert (100) includes at least two spaced legs (104) adapted to be received in the heat exchanger tube (102) through an open end (106a, 106b) of said tube (102), each of the at least two legs (104) being configured such that at least two side surfaces (108a, 108b) of each of the legs (104) are abutted with at least two inner side surfaces of the heat exchanger tube (102), and an outer connector (112) adapted for connecting outer ends of the at least two legs (104) and positioned outside of said tube (102). In addition, at least a portion (114a, 114b) of the outer connector (112) is bent at a predefined angle with respect to adjacent connecting portions (116) coupled to the at least two legs (104).

IPC 8 full level

**F28D 1/053** (2006.01); **F28F 9/16** (2006.01); **F28F 9/18** (2006.01); **F28F 1/02** (2006.01); **F28F 1/12** (2006.01)

CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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