

Title (en)
HEAT EXCHANGER STRUCTURE PARTICULARLY FOR NUCLEAR PLANTS

Publication
EP 0110363 A3 19841219 (EN)

Application
EP 83111880 A 19831128

Priority
IT 2460082 A 19821203

Abstract (en)
[origin: EP0110363A2] To reduce costs both through material and labour savings of a nuclear plant heat exchanger, the latter comprises two quadrangular cross-section headers (1, 2) coupled by a yoke-like tube nest (3) which is cold pre-deformed in such a way as to minimize the primary stresses of thermal origin developed during the operation of the exchanger.

IPC 1-7
F28D 7/00; F28F 9/02

IPC 8 full level
F28D 1/047 (2006.01); **F28D 7/06** (2006.01); **F28F 9/013** (2006.01); **F28F 9/02** (2006.01); **F28F 9/18** (2006.01)

CPC (source: EP)
F28D 1/047 (2013.01); **F28D 7/06** (2013.01); **F28F 9/0131** (2013.01); **F28F 9/02** (2013.01); **F28F 9/18** (2013.01); **F28D 2021/0054** (2013.01)

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Designated contracting state (EPC)
DE FR

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