

Title (en)
IMPROVEMENTS TO A HEAT EXCHANGER

Publication
EP 0012691 B1 19831214 (FR)

Application
EP 79401003 A 19791211

Priority
FR 7834945 A 19781212

Abstract (en)
[origin: US4377552A] Nuclear reactor exchanger which assures the transfer of heat between two streams of coolant sodium. It includes an outlet connector which channels coolant sodium leaving a bundle of exchanger tubes traversed on the inside by the sodium and immersed externally in coolant sodium, and an inner tubular jacket forming a surface of revolution about a vertical axis and an outer tubular jacket. The wall of the inner jacket has a folded portion distinguished by at least one flank in the form of a crown.

IPC 1-7
F28D 7/00

IPC 8 full level
F28D 1/02 (2006.01); **F28D 7/16** (2006.01)

CPC (source: EP US)
F28D 1/0213 (2013.01 - EP US); **F28D 7/1669** (2013.01 - EP US); **F28D 2021/0054** (2013.01 - EP US); **F28F 2265/26** (2013.01 - EP US)

Cited by
EP0041452A3; EP0108690A1; FR2535836A1; EP0090743A1; FR2524686A1; US4560530A

Designated contracting state (EPC)
BE DE GB IT NL

DOCDB simple family (publication)
EP 0012691 A1 19800625; EP 0012691 B1 19831214; DE 2966492 D1 19840119; FR 2444246 A1 19800711; FR 2444246 B1 19830701; US 4377552 A 19830322

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EP 79401003 A 19791211; DE 2966492 T 19791211; FR 7834945 A 19781212; US 10087379 A 19791206