

Title (en)
Double-pipe heat exchanger

Title (de)
Doppelrohr-Wärmetauscher

Title (fr)
Échangeur thermique à double tuyau

Publication
EP 2354743 A2 20110810 (EN)

Application
EP 11150467 A 20110110

Priority
KR 20100004010 A 20100115

Abstract (en)
A double-pipe heat exchanger is provided. The double-pipe heat exchanger may include a first heat exchange tube having a first hollow portion, and a second heat exchange tube disposed inside the first heat exchange tube, so as to be co-axial with the first heat exchange tube and having a spiral part in which multiple ridges and grooves are formed at an inner surface of the spiral part.

IPC 8 full level
F28D 7/10 (2006.01); **F28F 1/42** (2006.01)

CPC (source: EP US)
F28D 7/106 (2013.01 - EP US); **F28F 1/08** (2013.01 - EP US); **F28F 1/426** (2013.01 - EP US); **F28F 2210/06** (2013.01 - EP US)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 2011174469 A1 20110721; CN 102128554 A 20110720; EP 2354743 A2 20110810; EP 2354743 A3 20121031; KR 101620106 B1 20160513; KR 20110083996 A 20110721

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