

Title (en)
Coil wound heat exchanger

Title (de)
Wärmetauscher mit gewickelten Rohrschlangen

Title (fr)
Echangeur de chaleur avec serpentins de tubes

Publication
EP 1367350 B1 20051130 (EN)

Application
EP 02011583 A 20020527

Priority
EP 02011583 A 20020527

Abstract (en)
[origin: EP1367350A1] A coil wound tubing assembly for use in a coil wound heat exchanger. The tubing assembly may comprise a first coil wound tubing bundle and a second coil wound tubing bundle, wherein one or more groups of tubes in the first coil wound tubing bundle may be connected in direct fluid flow communication with one or more groups of tubes in the second coil wound tubing bundle, characterized in that the first and the second coil wound tubing bundles differ in one or more parameters selected from a group including mandrel outer diameter, spacer thickness, number of spacers, number of tubes, tubing inner diameter, tubing outer diameter, tube length, tube pitch, and tube winding angle. <IMAGE>

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F28D 7/02; **F25J 3/02**

IPC 8 full level
F25J 3/00 (2006.01); **F28D 7/00** (2006.01); **F28D 7/02** (2006.01)

CPC (source: EP)
F25J 1/0022 (2013.01); **F25J 1/0052** (2013.01); **F25J 1/0055** (2013.01); **F25J 1/0087** (2013.01); **F25J 1/0216** (2013.01); **F25J 1/0262** (2013.01); **F25J 5/002** (2013.01); **F28D 7/0066** (2013.01); **F28D 7/024** (2013.01); **F25J 2220/64** (2013.01); **F25J 2240/40** (2013.01); **F25J 2290/12** (2013.01)

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EP4177556A1; US2016209118A1; CN117006867A; CN115388675A; AU2006275170B2; US2022196331A1; CN111964482A; US2013098103A1; US10215485B2; CN102575897A; NO346539B1; CN109957423A; EP4166877A1; WO2007014618A1; WO2023197683A1; WO2007014617A1; WO2010121752A3; US10359228B2; US8297074B2; EP2857782A1; WO2021072082A1; US11187467B2; US11391512B2; US11859903B2

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