Title (en)
  Heat exchanger for heating tank

Title (de)
  Wärmetauscher für Heizbottich

Title (fr)
  Echangeur de chaleur pour cuve de chauffage

Publication
  EP 2015016 A1 20090114 (FR)

Application
  EP 08159940 A 20080708

Priority
  FR 0756404 A 20070711

Abstract (en)
  The exchanger (1) has a deploy system arranged in a manner to space a deformable tube (2) from a shaft (3) during passage of an insertion configuration to a deploy configuration. The deploy system has a deploy device including a sleeve (5) mounted sliding on the shaft. The device has a ring (6) attached to the tube, and an arm (7) with an end mounted in rotation on the sleeve. Another end of the arm is mounted on the ring, such that sliding of the sleeve along the shaft drives removal or connection of the tube with respect to the shaft. An independent claim is also included for a method for assembling a heat exchanger.

Abstract (fr)
  Echangeur (1) de chaleur destiné à réchauffer un liquide contenu dans une cuve (20), l'échangeur comportant au moins un tube (2) apte à assurer la circulation d'un fluide de réchauffage et au contact duquel le liquide est destiné à être placé, l'échangeur (1) étant agencé pour passer alternativement d'une configuration d'insertion à une configuration de fonctionnement.

IPC 8 full level
  F28D 7/08 (2006.01); **F28D 1/047** (2006.01)

CPC (source: EP)
  F28D 1/0213 (2013.01); **F28D 7/08** (2013.01); **F28F 9/0132** (2013.01); F28F 1/08 (2013.01); F28F 2255/02 (2013.01); F28F 2280/02 (2013.01)

Citation (search report)
  • [A] DD 273496 A1 19891115 - BAUAKADEMIE DDR [DD]
  • [A] US 1632784 A 19270621 - BLAIR ROBERT S
  • [A] GB 2063753 A 19810610 - IND & OVERSEAS SECURITIES LTD

Designated contracting state (EPC)
  AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
  AL BA MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
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