

Title (en)
RECEIVER DRIER FOR A CONDENSER

Title (de)
SAMMLERTROCKNER FÜR EINEN KONDENSATOR

Title (fr)
RÉCEPTEUR SÉCHEUR POUR UN CONDENSATEUR

Publication
EP 3992550 A1 20220504 (EN)

Application
EP 20461578 A 20201030

Priority
EP 20461578 A 20201030

Abstract (en)
Receiver drier (1) for a condenser (2) of a heat exchange fluid, comprising an elongated, cylindrical housing (100) forming an internal volume with a first end (110) with an inlet (111) and a second end (120), opposite the first end (110), with an outlet (121), further comprising an internal assembly (200) comprising a baffle (210) dividing the internal volume of the housing (100) so that on a first side (210a) of the baffle (210) there is a first internal volume (Va), and on a second side (210b) of the baffle (210) there is a second internal volume (Vb), the baffle (210) comprising a through-hole (213), a tube (220) attached to the through-hole (213) in the baffle (210) from the first side (210a), so that the fluid can travel through the tube (220) from the first side (210a) of the baffle (210) to the second side (210b) of the baffle (210), wherein the tube (220) and the baffle (210) are a single, integral part.

IPC 8 full level
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CPC (source: EP)
F25B 39/04 (2013.01); **F25B 43/003** (2013.01); **F25B 2339/0441** (2013.01); **F25B 2400/16** (2013.01)

Citation (search report)

- [XA] US 2018135904 A1 20180517 - NAGAFUJI TERUYUKI [JP]
- [A] US 6381983 B1 20020507 - ANGELO ANTHONY J [US], et al
- [A] EP 2636974 A1 20130911 - DENSO THERMAL SYSTEMS SPA [IT]

Designated contracting state (EPC)
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BA ME

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EP 3992550 A1 20220504; **EP 3992550 B1 20240821**; CN 116348719 A 20230627; WO 2022089861 A1 20220505

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