

Title (en)
HEAT EXCHANGING APPARATUS AND MANUFACTURING METHOD THEREFOR

Title (de)
WÄRMEAUSTAUSCHVORRICHTUNG UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
APPAREIL D'ÉCHANGE DE CHALEUR ET SON PROCÉDÉ DE FABRICATION

Publication
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Application
EP 21795284 A 20210428

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- CN 202010362753 A 20200430
- CN 202010363934 A 20200430
- CN 2021090451 W 20210428

Abstract (en)
[origin: EP4145063A1] A heat exchange apparatus and a manufacturing method therefor, comprising a valve core part and a core body part. The valve core part is provided with a valve base part. The valve seat part is at least partly arranged in a first conduit. The valve base part is provided with a base section and a middle section. The base section is provided with a bottom opening. The middle section is provided with a peripheral opening. The valve base part is provided with a throttling hole. The throttling hole is in communication with the peripheral opening and the bottom opening. The middle section is arranged on a sheet part and the peripheral opening is in communication with inter-sheets channels. The heat exchanging apparatus comprising a connecting element. The connecting element is at least partly inserted into the first conduit. The bottom opening is in communication with a connecting cavity. The heat exchanging apparatus comprises a connecting channel. The connecting channel is in communication with the connecting cavity. The heat exchanging apparatus is structurally compact.

IPC 8 full level
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Citation (search report)

- [A] US 2018080693 A1 20180322 - WANG JINGPENG [CN], et al
- [A] WO 2012095531 A1 20120719 - BEHR GMBH & CO KG [DE], et al
- See also references of WO 2021218986A1

Designated contracting state (EPC)
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