

Title (en)  
COMPACT BLOCK-TYPE EXCHANGER OF IMPREGNATED GRAPHITE

Publication  
**EP 0196548 B1 19881012 (DE)**

Application  
**EP 86103697 A 19860319**

Priority  
DE 3509919 A 19850319

Abstract (en)  
[origin: EP0196548A1] 1. A block-type condenser having at least two, optionally impregnated, exchanger blocks (12, 14 ; 112, 114) of graphite, wherein each exchanger block has first through bores (16) between mutually opposed first block sides and second through bores (18) between further mutually opposed second block side, wherein the exchanger blocks are disposed adjacent one another with mutual abutment at the first block sides and with the first bores (16) merging into one another, wherein connection plates (20, 22 ; 120, 122) are provided on the outer two first block sides of the block-type condenser (10 ; 110) with distribution chambers for connection to the first bores (16), and wherein second connection plates (50 ; 150) are provided on the second block sides with distribution chambers for connection to the second bores (18), characterized in that the two first connection plates (20, 22 ; 120, 122) each have at least two distribution chambers (28, 30, 32) which are independent of one another, and the first and second connection plates (20, 22 ; 120, 122 ; 50, 150) are each held together by tie rods (24, 52 ; 124, 152), and in that in each case a continuous steel plate (188) is provided at each respective end of the block-type condenser (110) for the purpose of clamping together by means of the tie rods (124) the two first connection plates (120, 122) which comprise separate plate portions (70, 71, 72) each having a respective distribution chamber (28, 30, 32).

IPC 1-7  
**F28F 7/02**; **F28F 21/02**; **F28B 1/02**; **F28B 7/00**

IPC 8 full level  
**F28B 1/02** (2006.01); **F28B 7/00** (2006.01); **F28F 7/02** (2006.01); **F28F 21/02** (2006.01)

CPC (source: EP)  
**F28B 1/02** (2013.01); **F28B 7/00** (2013.01); **F28F 7/02** (2013.01); **F28F 21/02** (2013.01)

Cited by  
EP0658737A3; EP0314585A1; FR2622685A1; US4850426A; WO2016146930A1; EP4105590A1; EP4105589A1; WO2022263972A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0196548 A1 19861008**; **EP 0196548 B1 19881012**; DE 3509919 A1 19860925; DE 3660938 D1 19881117

DOCDB simple family (application)  
**EP 86103697 A 19860319**; DE 3509919 A 19850319; DE 3660938 T 19860319