

Title (en)

MULTI-PRESSURE AIR CONDENSER BATTERY FOR CONDENSATION OF EXHAUST STEAM AND A UNIT CONTAINING SUCH BATTERIES

Publication

EP 0050699 B1 19840613 (FR)

Application

EP 80870047 A 19801023

Priority

EP 80870047 A 19801023

Abstract (en)

[origin: EP0050699A1] 1. Multi-pressure air condenser battery for creating different condensation pressures and temperatures at the exhausts of the different low pressure stages of a multiple stage turbine, said battery comprising a set of condensation tubes extending between two terminal headers and being cooled by an air flow that passes over the tubes successively, characterized in that the bundle of condensation tubes (5, 6) is divided into a plurality of distinct groups, the tubes in each group extending between a vapour inlet chamber (1, 2) and a condensate outlet chamber (3, 4), each vapour inlet chamber (1, 2) being connected separately to the outlet of a distinct low pressure stage of the turbine and each condensate outlet chamber (3, 4) being connected to a condensate exhaust line (8) such that the different groups of condensation tubes form vapour circuits fed in parallel and successively in contact with the cooling air flow.

IPC 1-7

F28B 1/06

IPC 8 full level

F28B 1/06 (2006.01)

CPC (source: EP)

F28B 1/06 (2013.01); **F28B 2001/065** (2013.01)

Cited by

EP0545366A1; US2019390910A1; US10788267B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0050699 A1 19820505; EP 0050699 B1 19840613; AT E7959 T1 19840615; DE 3068238 D1 19840719

DOCDB simple family (application)

EP 80870047 A 19801023; AT 80870047 T 19801023; DE 3068238 T 19801023