

Title (en)
Integrated condenser

Title (de)
Integrierter Kondensator

Title (fr)
Condenseur intégré

Publication
EP 2878907 A1 20150603 (EN)

Application
EP 13194842 A 20131128

Priority
EP 13194842 A 20131128

Abstract (en)
This invention relates to a condenser for water/steam cycle, comprising a cooling water inlet (31), a cooling water outlet (33) and a cooling unit (32) disposed between the inlet and outlet, wherein the cooling unit comprises a first cooling chamber (34) to receive and cool steam from the water/steam cycle and a second cooling chamber (35) to receive and cool another cooling circuit (70). With this integrated condenser of the present invention, no separate intercooler is needed and one common cooling water supply and return line can be applied. Thus the whole piping length can be reduced. Further, as no separate foundation and mounting are required, it is able to reduce the space and on-site installation process and thus reduce the overall cost.

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

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

Citation (applicant)
• US 5018572 A 19910528 - BLANGETTI FRANCISCO [CH], et al
• WO 2013117730 A2 20130815 - ALSTOM TECHNOLOGY LTD [CH]

Citation (search report)
• [XY] EP 1174672 A2 20020123 - ALSTOM SWITZERLAND LTD [CH]
• [Y] US 2010229553 A1 20100916 - SMITH GORDON RAYMOND [US]

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2878907 A1 20150603

DOCDB simple family (application)
EP 13194842 A 20131128