

Title (en)
Thermal power plant arrangement

Title (de)
Wärmelekraftwerkordnung

Title (fr)
Agencement d'une centrale thermique

Publication
EP 2963251 A1 20160106 (EN)

Application
EP 14175289 A 20140701

Priority
EP 14175289 A 20140701

Abstract (en)
Provided is a thermal plant with a reheat heat boiler (10) and a water/steam cycle comprising a pressure series of steam turbines (20,30,40). A bypass line (14) connects the high pressure turbine outlet (24) to one of a selection of the intermediate pressure steam turbine outlet (34), the low pressure steam turbine inlet (42) and a point fluidly between the medium pressure steam turbine outlet (34) and the low pressure steam turbine inlet (42) and further bypasses the intermediate pressure turbine (30) and the reheater (12).

IPC 8 full level
F01K 7/24 (2006.01)

CPC (source: EP)
F01K 7/24 (2013.01)

Citation (applicant)
US 4744723 A 19880517 - HASHIMOTO TSUGUO [JP], et al

Citation (search report)
• [X] EP 0939200 A1 19990901 - MITSUBISHI HEAVY IND LTD [JP]
• [X] JP H09256815 A 19970930 - TOSHIBA CORP
• [A] US 4873827 A 19891017 - HADANO YOSHIKAZU [JP], et al
• [A] DE 10227709 A1 20030227 - ALSTOM SWITZERLAND LTD [CH]
• [A] WO 2011030285 A1 20110317 - OCHSE ANDREW [ZA], et al

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)
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