

Title (en)
Steam cycle

Title (de)
Wasserdampfkreislauf

Title (fr)
Cycle à vapeur

Publication
EP 0679836 B1 19980819 (DE)

Application
EP 95105993 A 19950421

Priority
DE 4414709 A 19940427

Abstract (en)
[origin: EP0679836A1] The water feed to the boiler of the steam generating unit has a low pressure water pump (20) which pumps water from a feed reservoir (12) to a main pump (24). The main pump is in two stages (26,28) separated by a water preheater (32) warmed by return steam. The two stages of the main pump operate at staggered pressures, higher than the feed pump, and pump preheated water into the boiler. The pumps are driven off the same motor (16) with the feed pump driven by the motor, the first stage of the main pump driven via a reduction gearing (22) and the second, higher pressure stage driven from the first stage via a slip coupling (24) which allows the final stage to be operated at different speeds.
<IMAGE>

IPC 1-7
F22D 11/02

IPC 8 full level
F22D 11/02 (2006.01)

CPC (source: EP)
F22D 11/02 (2013.01)

Cited by
CN102353037A; WO9815778A1

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