

Title (en)
STEAM ENGINE

Title (de)
DAMPFMOTOR

Title (fr)
MOTEUR À VAPEUR

Publication
EP 2625391 A2 20130814 (EN)

Application
EP 11813593 A 20111005

Priority
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Abstract (en)
[origin: WO2012047116A2] A steam engine (1) with a main axis (0) with a rotating hollow axial chamber (2) about said main axis (0), wherein said hollow axial chamber (2) is arranged for receiving water from a reservoir (9); wherein said hollow axial chamber (2) has a base radius (R0) and is provided with generally radial centrifugal channels (3) arranged for conducting the water out to a first radius (R1) which is larger than said base radius (R0) and centrifugally pressurising the water by rotation about said main axis (0); from where the water is conducted through steam generating pipes (4) which are heated by a heat source (Q) and runs inwardly towards a second radius (R2) less than said first radius (R1); from where the water in said steam generating pipes (4) is heated and converted partially or entirely to steam, wherein the steam is conducted outwardly from said second radius (R2) via outlet channels (6) to generally tangentially directed jet nozzles (7) at a third radius (R3), and arranged to drive their own and thus the steam engines rotation.

IPC 8 full level
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CPC (source: EP)
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