

Title (en)  
METHOD FOR PRODUCTION OF MIXED VAPOUR

Title (de)  
VERFAHREN ZUM ERZEUGEN VON MISCHDAMPF

Title (fr)  
PROCÉDÉ DE PRODUCTION DE VAPEUR MIXTE

Publication  
**EP 2084373 A2 20090805 (DE)**

Application  
**EP 07819541 A 20071026**

Priority  
• EP 2007009515 W 20071026  
• DE 102006050967 A 20061028

Abstract (en)  
[origin: DE102006050967B3] The assembly (10) to develop a vapor mixture (17) from a non-polar (15) and a polar fluid (14) at a low temperature, for a thermal engine, the mixture is enriched with polar fluids in a vessel (21) at a slightly higher temperature to be compressed by a thermal engine (28). The vapor mixture is converted to wet steam by adiabatic relaxation, where the polar fluid condenses and the heat is transferred to the non-polar fluid and the energy used to generate electricity. The relaxed wet steam is returned to the first pressure zone (13). Water is the polar fluid and benzole the non-polar fluid.

IPC 8 full level  
**F01K 25/06** (2006.01)

CPC (source: EP KR US)  
**F01K 21/04** (2013.01 - KR); **F01K 25/06** (2013.01 - EP US); **F01K 25/10** (2013.01 - KR); **F01K 27/00** (2013.01 - KR)

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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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