Title (en)
   BOILER CONDENSATION MODULE

Title (de)
   KESSELKONDENSATIONSMODUL

Title (fr)
   MODULE DE CONDENSATION DE CHAUDIERE

Publication
   EP 1828690 A1 20070905 (EN)

Application
   EP 05823518 A 20051215

Priority
   • IT 2005000737 W 20051215
   • IT DP20040005 A 20041220

Abstract (en)
   [origin: WO2006067820A1] The invention concerns a boiler condensation module, characterised in that it comprises a water/fume heat exchanger
   (E) and a closed circuit compression thermodynamic frigorific apparatus, said module (2) being communicated with a boiler (1) intercepting the flow
   of the fumes and the flow of the water, in order to subtract sensitive heat and vaporisation latent heat to the fumes of the boiler to yield the same as
   heat to the system water thus improving the combustion efficiency.

IPC 8 full level
   F24H 8/00 (2006.01); **F24H 4/02** (2006.01)

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   F24D 2200/18 (2013.01 - US); Y02B 10/70 (2013.01 - US); Y02B 30/00 (2013.01 - EP US); Y02B 30/52 (2013.01 - US)

Citation (search report)
   See references of WO 2006067820A1

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DOCDB simple family (publication)
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   IT DP20040005 A 20041220; JP 2007547799 A 20051215; KR 20077013899 A 20070620; NO 20073373 A 20070629; US 79325005 A 20051215