

INDUCTION HEATING AND STIRRING DEVICE

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The present invention relates to an induction heating apparatus (100), for heating a fluid (157) in a receptacle (150), the induction heating apparatus comprising, a first magnetic field, being arranged adjacent to the receptacle (150), the first magnetic field being arranged to rotate around a stirring axis (105) with an adjustable frequency, said first magnetic field creates a magnetic torque capable of rotating a magnetic stirring device (130) in the receptacle (150) and a second magnetic field for inductive heating, the second magnetic field having a frequency and amplitude arranged for magnetic induction heat to be induced in the magnetic stirring device (130), the magnetic stirring device arranged to rotate the fluid in the receptacle. The present invention also relates to a method heating and stirring a fluid in a receptacle with a magnetic stirring device.

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