

Title (en)
TRAVELLING WAVE INDUCTION HEATER

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Application
EP 85304651 A 19850628

Priority
GB 8416486 A 19840628

Abstract (en)
[origin: EP0170417A1] A travelling wave induction heater comprising a plurality of primary windings (W) and associated core means (P1-P2), and means to connect successive windings (W) to successive phases of a multi-phase electric supply to provide the primary of the travelling wave induction heater, whereby, in use, a travelling magnetic field is produced and there being an electrically conductive member (20), in which eddy currents are induced by the magnetic field, and which acts as a secondary of the heater and is thereby heated, wherein the primary windings (W) are arranged in a plurality of sets, there being means to connect successive windings of each set to successive phases of a multi-phase electric supply whereby each set produces a travelling magnetic field.

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