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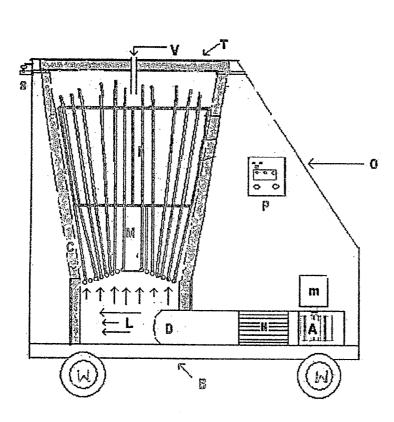
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(54) Title: IMPROVED DEVICE FOR HEATING / DRYING WELDING RODS



(57) Abstract: The present invention relates to an improved device for heating / drying welding rods (Wr), preferably flux coated welding rods, using forced convection heat transfer by means of ceramic honeycomb based air heaters (H). The device of the present invention is useful for heating flux coated and some non flux coated welding rods (Wr) so as to preheat them for the purpose of removal of absorbed moisture from the flux coating and for raising the temperature of the welding rods as the case may be, immediately before the welding operation. The heating device of the present invention is compact highly operational and energy efficient, noise free, simple in design, portable with excellent trouble free usage, and includes a wire rod grill (G) which is made of concentric circular rings (r) of narrowing diameters and assembled in such a manner that they form a truncated cone with gaps in between the rings to support the welding rods which are to be heated / dried when positioned vertically over the support grill.

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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols)									
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Information on patent family members

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