Title (en)
CONTINUOUSLY WORKING APPARATUS FOR HEATING OF FLAT PRODUCTS BY ELECTROMAGNETIC INDUCTION

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Application
EP 85100589 A 19850122

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FR 8401187 A 19840126

Abstract (en)
[origin: US4587392A] As known the product to be heated (7) is made to scroll longitudinally in the flow of an inductor (IC) with a dual frequency along a longitudinal pitch and along a transverse pitch. According to the invention this produce is made to scroll in the flow of two successive inductors with a common transverse pitch (PT) which is adjustable (31a) practically between the two longitudinal pitches of these two inductors, this transverse pitch is set to make the width of this product coincide with an integer number of transverse pitches thus obtaining the same heating on the two edge areas (7a, 7b) of this product as on the intermediate areas, and firstly the ratio of the currents supplying these two conductors is set to homogenize the heating in each transverse pitch, and secondly the total power adjusted to reach the temperature required. The invention applies to metallurgy.

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CPC (source: EP US)
H05B 6/104 (2013.01 - EP US); H05B 6/44 (2013.01 - EP US)

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