

Title (en)

METHOD AND FURNACE FOR HEAT TREATMENT

Title (de)

VERFAHREN UND OFEN FÜR WÄRMEBEHANDLUNG

Title (fr)

PROCEDE ET FOUR POUR TRAITEMENT THERMIQUE

Publication

**EP 1589120 B1 20120606 (EN)**

Application

**EP 03812311 A 20031127**

Priority

- JP 0315120 W 20031127
- JP 2002348639 A 20021129

Abstract (en)

[origin: EP1589120A1] A linear furnace body of a heat treating furnace (1) houses in its inside a preheating chamber (3), a heat treating chamber (4) and a soaking chamber (5) with partitioning doors (1 and 2) arranged between them, respectively. Series of independently-driven hearth rollers (6, 7 and 8) are arranged in the chambers, respectively. Upon preheating and soaking of a work W, the series of hearth rollers (6 and 8) in the preheating chamber (3) and the soaking chamber (5) are rotated forward and backward to vibrate the work W. Upon heating of the work W, the series of hearth rollers (7) in the heat treating chamber (4) is stopped. <IMAGE>

IPC 8 full level

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Cited by

EP3196320A4; CN112775388A; CN104593577A; WO2022218829A1; WO2022218830A1; US10900113B2; US11761074B2; WO2022218831A1

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