

Title (en)
FURNACE WITH REFRACTORY WALKING BEAMS

Publication
EP 0119909 B1 19871111 (FR)

Application
EP 84400468 A 19840309

Priority
FR 8304263 A 19830311

Abstract (en)
[origin: ES286166U] A walking-beam furnace in the heating of metal bodies without bending in which at least a pair of walking beams straddle a stationary beam whose width is greater than that of the walking beams. The stationary beam is formed with a plurality of rectangular recesses opening at a support surface of the stationary beam upon which the metal bodies come to rest and communicate from below with a source of combustion gases so that the hot gas rises to contact the bottom of the metal bodies and the bottom of the metal bodies is subject to heating by radiation from the walls of the recess which converges downwardly to a duct supplying the hot gas. The width of the recess is greater than the widths of the portions of the fixed beam laterally flanking, while the length of the recesses is greater than its width.

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IPC 8 full level
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