

Title (en)

Construction process of an open chambers furnace to avoid deformations.

Title (de)

Konstruktionsverfahren für einen Ofen mit offenen Kammern zum Vermeiden von Formveränderungen.

Title (fr)

Procédé de construction de fours à chambres ouvertes permettant d'éviter leur déformation.

Publication

EP 0336864 A1 19891011 (FR)

Application

EP 89420130 A 19890406

Priority

FR 8805251 A 19880408

Abstract (en)

Construction process of a furnace with open chambers intended for the firing of blocks containing carbon, constituted by a plurality of chambers arranged in series in one or two parallel rows, each chamber being contained in an independent shell made of concrete formed from a floor (12) and from lateral coverings (11) made of concrete. Arranged on each covering (11) is a plurality of vertical abutments which are subjected to prestressing in the vertical direction. <??>This prestressing is applied by means of at least one steel cable (15) fixed, at both ends, to a metal plate (17) which comes to bear against the base and the top of each abutment (14). <??>It is also possible to subject to tension upper parts of the transverse walls by means of at least one metal tie rod arranged horizontally and subject to adjustable tension. <IMAGE>

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [A] GB 801943 A 19580924 - EDWARD DAVID BACHELER RUSSELL
- [A] GB 827896 A 19600210 - EDWARD DAVID BACHELER RUSSELL
- [A] FR 926836 A 19471013

Cited by

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