

Title (en)

CONSTRUCTION PROCESS OF AN OPEN CHAMBERS FURNACE TO AVOID DEFORMATIONS

Publication

**EP 0336864 B1 19920122 (FR)**

Application

**EP 89420130 A 19890406**

Priority

FR 8805251 A 19880408

Abstract (en)

[origin: EP0336864A1] 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>

IPC 1-7

**F27B 13/06**; **F27B 13/08**; **F27D 1/00**

IPC 8 full level

**F27B 13/06** (2006.01); **F27B 13/08** (2006.01); **F27D 1/00** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

**EP 0336864 A1 19891011**; **EP 0336864 B1 19920122**; AU 3243389 A 19891012; AU 609961 B2 19910509; CA 1333750 C 19950103; DE 68900741 D1 19920305; FR 2629906 A1 19891013; FR 2629906 B1 19910208; NO 170363 B 19920629; NO 170363 C 19921007; NO 891324 D0 19890329; NO 891324 L 19891009; US 4957428 A 19900918

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