

Title (en)
Kiln for the firing of tiles

Title (de)
Ofen zum Brennen von Fliesen

Title (fr)
Four pour la cuisson de tuiles

Publication
EP 1783449 A2 20070509 (EN)

Application
EP 06022211 A 20061024

Priority
IT VI20050291 A 20051104

Abstract (en)
The present invention refers to a kiln for the firing of tiles, of the type substantially composed of a longitudinal chamber of considerable size, inside of which the carts are introduced containing the products to be fired, where the firing action of the material is achieved by means of a series of burners, arranged inside mouths present on the two side walls and on the flat arch of the firing chamber. These burners heat an air flow, in slight overpressure, which runs for the entire length of the kiln. Said kiln is characterised in that it has an air chamber (10) made outside the walls and the arch of the kiln, in which an air flow (K) runs in overpressure condition, the value of such pressure being equal to or greater than the pressure value of the air flow (F) which circulates inside the firing chamber (1) (fig. 2).

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