

Title (en)
Monitoring system of a ceramics kiln

Title (de)
Anordnung zur Steuerung eines Keramik-Ofens

Title (fr)
Système de contrôle d'un four pour des céramiques

Publication
EP 1500889 B1 20080910 (EN)

Application
EP 04017200 A 20040721

Priority
IT MO20030218 A 20030725

Abstract (en)
[origin: EP1500889A1] Method for monitoring and regulating a ceramics kiln (1) comprises the following phases: picking up at preset intervals of time a sample of ceramic products (4) emerging from the kiln (1); measuring the plan dimensions and the flatness of each of said products (4); checking that said dimensions and said flatness are comprised within preset values; modifying the regulation of the kiln (1) if said dimensions and/or said flatness do not fall within said preset values. <??>Apparatus for monitoring and regulating a ceramics kiln (1) comprises picking up means (5) of ceramic products (4) at the outlet of said kiln (1), cooling means (7) of said ceramic products (4), optical scan means of said ceramic products (4) and monitoring and regulating means (12, 13) of the ceramics kiln (1), operationally connected to said optical scan means (8). <IMAGE>

IPC 8 full level
F27B 9/40 (2006.01); **F27D 3/00** (2006.01); **F27D 19/00** (2006.01); **F27D 21/00** (2006.01); **F27D 21/02** (2006.01)

CPC (source: EP)
F27B 9/40 (2013.01); **F27D 3/0021** (2013.01); **F27D 21/00** (2013.01); **F27D 2021/0078** (2013.01)

Cited by
WO2007085317A1; EP1884730A3; CN106743524A; ITMO20110146A1; CN106742195A; CN106742382A; EP4241951A1; WO2023170527A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1500889 A1 20050126; EP 1500889 B1 20080910; AT E408108 T1 20080915; DE 602004016428 D1 20081023; ES 2312889 T3 20090301; IT MO20030218 A0 20030725; IT MO20030218 A1 20050126; PL 1500889 T3 20090227; PT 1500889 E 20081205

DOCDB simple family (application)
EP 04017200 A 20040721; AT 04017200 T 20040721; DE 602004016428 T 20040721; ES 04017200 T 20040721; IT MO20030218 A 20030725; PL 04017200 T 20040721; PT 04017200 T 20040721