

Title (en)
Firing furnace

Title (de)
Brennofen

Title (fr)
Four de cuisson

Publication
EP 1050731 B1 20060308 (DE)

Application
EP 00108918 A 20000427

Priority
DE 19920136 A 19990503

Abstract (en)
[origin: EP1050731A1] The firing kiln (1) is for ceramic products and comprises a housing with an inner chamber for the products and at least one heating device bringing the chamber to the required temperature. In at least one zone is a blower (13) which sucks rising hot ga and blows them back against the products (7) under pressure. In the zone is a dividing wall (10), which separates a suction chamber (11) from a feed-back chamber (12). The feed-back chamber has a bulkhead (15) extending closely to the products. The feed-back chamber at its end adjacent to the products is bridged over an outlet grid (17).

IPC 8 full level
F27B 9/30 (2006.01); **F27B 9/10** (2006.01); **F27D 7/04** (2006.01); **F27B 9/02** (2006.01); **F27B 9/36** (2006.01); **F27B 9/40** (2006.01); **F27D 99/00** (2010.01)

CPC (source: EP)
F27B 9/10 (2013.01); **F27B 9/3011** (2013.01); **F27D 7/04** (2013.01); **F27B 9/029** (2013.01); **F27B 9/40** (2013.01); **F27B 2009/3055** (2013.01); **F27B 2009/3638** (2013.01); **F27D 99/007** (2013.01); **F27D 2007/045** (2013.01)

Cited by
EP1482267A1; CN100357694C; EP1430264A4; US7290405B2; WO03006390A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1050731 A1 20001108; EP 1050731 B1 20060308; DE 19920136 A1 20001116; DE 19920136 B4 20070712; DE 50012335 D1 20060504

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