

Title (en)

Bridge-form industrial furnace supporting construction of fire-resistant ceramic bricks

Title (de)

Brückenartige Industrieofen-Tragkonstruktion aus feuerfesten keramischen Steinen

Title (fr)

Construction porteuse de four industriel de type pont en briques de céramique ignifuges

Publication

EP 2600091 B1 20150527 (DE)

Application

EP 11191724 A 20111202

Priority

EP 11191724 A 20111202

Abstract (en)

[origin: EP2600091A1] The support structure has a capstone (18) which is arranged between the bearing blocks (10,12). The capstone has outer faces whose respective horizontally extending steps (18s1,18s2) rest on corresponding horizontally extending steps (10s,12s) of inner surfaces (10i, 12i) of the corresponding bearing blocks. The bearing blocks and the capstone are configured and dimensioned together to form an integral bridge-like support structure. The support structure is self-supporting, if the outer bearing blocks lie partially on corresponding supports (P).

IPC 8 full level

F27B 1/00 (2006.01); **F27B 1/14** (2006.01); **F27D 1/02** (2006.01); **F27D 1/04** (2006.01)

CPC (source: EP US)

E04B 1/941 (2013.01 - US); **E04C 1/24** (2013.01 - US); **E04C 1/41** (2013.01 - US); **F27B 1/005** (2013.01 - EP US); **F27B 1/14** (2013.01 - EP US); **F27D 1/024** (2013.01 - EP US); **F27D 1/025** (2013.01 - EP US); **F27D 1/028** (2013.01 - EP US); **F27D 1/04** (2013.01 - EP US); **F27D 1/045** (2013.01 - US)

Designated contracting state (EPC)

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