

Title (en)
Adapting brick for heat exchangers

Title (de)
Anpassungsziegelstein für Wärmetauscher

Title (fr)
Brique d'adaptation pour échangeurs thermiques

Publication
EP 1925897 A1 20080528 (EN)

Application
EP 07021683 A 20071108

Priority
RO 200600922 A 20061127

Abstract (en)

The present invention refers to an adapting brick for carrying out heat exchangers of furnace air pre-heaters. The brick according to the invention comprises a shaped refractory material body having, in its central part, a longitudinal channel and other longitudinal channels evenly distributed around thereof, characterized in that on the upper face c, there were provided radial ribs d and, on the lower face e, there were provided grooves in the shape of an annulus f.

IPC 8 full level
F27D 1/04 (2006.01)

CPC (source: EP)
F27D 1/042 (2013.01); **F28D 17/02** (2013.01)

Citation (applicant)

- FR 1096652 A 19550623 - F LABESSE ETS
- RO 114914 B1 19990830 - TATAR DORU [RO]
- RO 107441 B1 19931130 - TATAR DORU [RO]

Citation (search report)

- [X] DE 1815101 A1 19700625 - HEUSER FRIEDRICH
- [X] US 5924477 A 19990720 - DORU TATAR [RO]
- [X] RO 113869 B1 19981130 - TATAR DORU [RO]
- [A] US 4150717 A 19790424 - BALKE GEORGE L [US], et al
- [A] US RE27020 E 19710105
- [A] US 3549136 A 19701222 - BAAB KENNETH A, et al
- [A] GB 994833 A 19650610 - STEULER INDUSTRIEWERKE GMBH

Cited by
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