

Title (en)

Cooled roof for electric arc furnaces and for ladle furnaces

Title (de)

Gekühlter Ofendeckel für Lichtbogenofens oder für Lichtbogenpfannen

Title (fr)

Toit refroidit pour fours ou poches à arc

Publication

EP 0790474 A1 19970820 (EN)

Application

EP 97101864 A 19970206

Priority

IT UD960018 A 19960213

Abstract (en)

Cooled roof for electric arc furnaces and ladle furnaces, of the type comprising a plurality of radial, contiguous panels (11), each panel (11) including at least a cooling conduit (12), through which the cooling water flows, arranged radially with respect to the roof (10) and including a transverse transit section which progressively narrows from the outer periphery towards the centre of the roof (10). <IMAGE>

IPC 1-7

F27D 1/18

IPC 8 full level

F27D 1/18 (2006.01); **F27D 1/14** (2006.01)

CPC (source: EP)

F27D 1/1816 (2013.01); **F27D 1/141** (2013.01)

Citation (search report)

- [X] EP 0063549 A1 19821027 - DANIELI ENG SPA [IT], et al
- [X] FR 2476823 A1 19810828 - CLESID SA [FR]
- [A] FR 2420108 A1 19791012 - INST OCHISTKE TEKHN [SU]
- [A] FR 2445942 A1 19800801 - CLESID SA
- [A] US 5426664 A 19950620 - GROVE ROBERT C [US]
- [A] DE 4007662 C1 19910523

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Designated contracting state (EPC)

AT BE DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0790474 A1 19970820; BR 9700229 A 19980630; IT UD960018 A0 19960213; IT UD960018 A1 19970814; KR 970062639 A 19970912

DOCDB simple family (application)

EP 97101864 A 19970206; BR 9700229 A 19970213; IT UD960018 A 19960213; KR 19970003665 A 19970206