

Title (en)

METALLURGICAL CRUCIBLE, PARTICULARLY A TILTABLE AND/OR ROTATABLE STEEL WORKS CONVERTER

Publication

EP 0015408 B1 19820127 (DE)

Application

EP 80100688 A 19800211

Priority

DE 2905283 A 19790212

Abstract (en)

[origin: US4266758A] A support is provided for a metallurgical vessel, in which paired tie rods are provided superimposed upon each other to absorb the stress resulting from thermal expansion and contraction in the support. By superimposing pairs of the tie rods upon each other and pre-stressing them, a substantial capacity is provided for absorbing built-up stresses in the support while requiring relatively less space for accommodating the tie rods. The paired compression heads and tie rods are positioned concentric to each other on the same axis.

IPC 1-7

C21C 5/46

IPC 8 full level

C21C 5/46 (2006.01)

CPC (source: EP US)

C21C 5/4633 (2013.01 - EP US)

Cited by

CN105143472A; WO2014095692A1

Designated contracting state (EPC)

AT BE FR GB IT LU NL SE

DOCDB simple family (publication)

EP 0015408 A1 19800917; EP 0015408 B1 19820127; AT E620 T1 19820215; DE 2905283 A1 19800814; DE 2905283 B2 19820624; DE 2905283 C3 19830127; US 4266758 A 19810512

DOCDB simple family (application)

EP 80100688 A 19800211; AT 80100688 T 19800211; DE 2905283 A 19790212; US 11849180 A 19800204