

Title (en)
Cooled mantle ring for a converter

Title (de)
Gekühlter Konvertertraging

Title (fr)
Anneau de support refroidi pour un convertisseur

Publication
EP 0688876 A3 19970129 (DE)

Application
EP 95250136 A 19950608

Priority
DE 4423334 A 19940620

Abstract (en)
[origin: US5611990A] A cooled converter trunnion ring, which is arranged at a distance from the converter, encompasses the converter and is connected to a coolant supply station. In order to achieve good accessibility of the trunnion ring by simple measures and to ensure reliable cooling of the loaded trunnion ring areas with low energy expenditure, a pipe coil, which runs in a largely meandering fashion and through which a liquid coolant flows, is provided on the inner surface of the inner side member substantially facing the converter of the steel mantle of the converter trunnion ring.

IPC 1-7
C21C 5/46; **F27D 9/00**

IPC 8 full level
C21C 5/46 (2006.01); **F27D 9/00** (2006.01)

CPC (source: EP US)
C21C 5/4633 (2013.01 - EP US); **C21C 5/4646** (2013.01 - EP US)

Citation (search report)

- [Y] EP 0413925 A1 19910227 - GUTEHOFFNUNGSHUETTE MAN [DE] & DE 3927928 A1 19910228 - GUTEHOFFNUNGSHUETTE MAN [DE]
- [Y] DE 2434807 A1 19750213 - VOEST AG
- [Y] DE 1458847 A1 19690130 - DEMAG AG
- [A] DE 3333841 C1 19840830 - MANNESMANN AG

Designated contracting state (EPC)
AT DE FR GB

DOCDB simple family (publication)
US 5611990 A 19970318; AT E182629 T1 19990815; DE 4423334 C1 19951005; DE 59506455 D1 19990902; EP 0688876 A2 19951227; EP 0688876 A3 19970129; EP 0688876 B1 19990728; JP H083617 A 19960109

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