

Title (en)

Method and apparatus for measuring slag-forming conditions within converter.

Title (de)

Verfahren und Vorrichtung zum Messen der Bedingungen für die Schlackenbildung in einem Konverter.

Title (fr)

Méthode et appareil pour mesurer les conditions de scorification dans un convertisseur.

Publication

**EP 0162949 A1 19851204 (EN)**

Application

**EP 84110571 A 19840905**

Priority

- JP 8411484 A 19840427
- JP 8411584 A 19840427
- JP 8411684 A 19840427
- JP 8411784 A 19840427
- JP 8411884 A 19840427

Abstract (en)

A method and apparatus for directly observing the slag-forming conditions in a vessel interior (3). A device (5) for observing the vessel interior light is disposed in a throughhole (4) extending through the side wall 20 of a top-blowing or top- and bottom-blowing converter to reach the vessel interior (3). The converter operation can be carried out at a high accuracy on the basis of this observation.

IPC 1-7

**C21C 5/30**

IPC 8 full level

**C21C 5/30** (2006.01); **C21C 5/46** (2006.01)

CPC (source: EP)

**C21C 5/30** (2013.01); **C21C 5/4673** (2013.01)

Citation (search report)

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- DE 2812871 A1 19781005 - SUMITOMO METAL IND
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- PATENT ABSTRACTS OF JAPAN, unexamined applications, section C, vol. 1, no. 157, December 14, 1977 THE PATENT OFFICE JAPANESE GOVERNMENT page 3497 C 77 \* JP - A - 52 -101 618 ( SHIN NIPPON ) \*
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- PATENT ABSTRACTS OF JAPAN, unexamined applications, field C, vol. 6, no. 239, November 26, 1982 THE PATENT OFFICE JAPANESE GOVERNMENT page 77 C 137 \* JP - A - 57-140 812 ( SUMITOMO ) \*
- PATENT ABSTRACTS OF JAPAN, unexamined applications, field C, vol. 7, no. 135, June 11, 1983 THE PATENT OFFICE JAPANESE GOVERNMENT page 50 C 170 \* JP - A - 58-48 615 ( KAWASAKI ) \*

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**EP 0162949 A1 19851204; EP 0162949 B1 19871216**; AU 3255884 A 19851031; AU 558925 B2 19870212; BR 8404496 A 19860325; CA 1250356 A 19890221; DE 3468127 D1 19880128

DOCDB simple family (application)

**EP 84110571 A 19840905**; AU 3255884 A 19840830; BR 8404496 A 19840906; CA 462485 A 19840905; DE 3468127 T 19840905