

Title (en)

SYSTEM FOR OPTICALLY ANALYZING A MOLTEN BATH

Title (de)

SYSTEM ZUR OPTISCHEN ANALYSE EINES SCHMELZBADS

Title (fr)

SYSTEME POUR L'ANALYSE OPTIQUE D'UN BAIN FONDU

Publication

EP 1604146 A1 20051214 (EN)

Application

EP 04717356 A 20040304

Priority

- US 2004006442 W 20040304
- US 38754403 A 20030314

Abstract (en)

[origin: US2004178545A1] A system for optically analyzing a molten metal bath wherein a high velocity gas stream is passed from a lance to the bath and is maintained coherent by a flame envelope to provide a clear sight pathway through the gas stream for sighting the molten metal bath longitudinally through the gas stream from a remote or spaced sighting point.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR US)

C21C 5/32 (2013.01 - KR); **C21C 5/4606** (2013.01 - EP US); **C21C 5/4673** (2013.01 - EP US); **F23C 5/00** (2013.01 - KR); **F27D 3/16** (2013.01 - EP US); **F27D 19/00** (2013.01 - EP US); **F27D 21/00** (2013.01 - EP US); **F27D 21/0014** (2013.01 - EP US); **F27D 2003/164** (2013.01 - EP US); **F27D 2003/166** (2013.01 - EP US); **F27D 2019/0003** (2013.01 - EP US); **F27D 2019/0006** (2013.01 - EP US)

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