

Title (en)

SULFUR ADDITIVE FOR MOLTEN STEEL, AND METHOD FOR MANUFACTURING SULFUR-ADDED STEEL

Title (de)

SCHWEFELADDITIV FÜR STAHLSCHELZE UND VERFAHREN ZUR HERSTELLUNG VON STAHL MIT ZUGESETZTEM SCHWEFEL

Title (fr)

ADDITIF À BASE DE SOUFRE POUR ACIER LIQUIDE, ET PROCÉDÉ DE FABRICATION D'ACIER ADDITIONNÉ DE SOUFRE

Publication

EP 3540082 A4 20200603 (EN)

Application

EP 17870071 A 20170613

Priority

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- JP 2017021869 W 20170613

Abstract (en)

[origin: EP3540082A1] A sulfur additive is added to molten steel. At that time, the yield of sulfur in the molten steel is stabilized and nozzle blockage at the time of continuous casting due to impurities is prevented. A sulfur additive used for molten steel which contains iron sulfide ore particles with a particle size of 5.0 to 37.5 mm in 85 mass% or more with respect to the total mass% of the sulfur additive is used to produce Al deoxidized resulfurized steel containing S: 0.012 to 0.100 mass%.

IPC 8 full level

C21C 7/00 (2006.01); **C21C 7/10** (2006.01); **C22C 38/00** (2006.01); **C22C 38/02** (2006.01); **C22C 38/04** (2006.01); **C22C 38/14** (2006.01); **C22C 38/22** (2006.01); **C22C 38/24** (2006.01); **C22C 38/26** (2006.01); **C22C 38/32** (2006.01); **C22C 38/42** (2006.01); **C22C 38/44** (2006.01); **C22C 38/50** (2006.01); **C22C 38/54** (2006.01); **C22C 38/60** (2006.01)

CPC (source: EP KR)

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Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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