Title (en)

A SYSTEM AND METHOD FOR COLLECTING AND ANALYSING DATA RELATING TO AN OPERATING CONDITION IN A TOP-SUBMERGED LANCING INJECTOR REACTOR SYSTEM

Title (de)

SYSTEM UND VERFAHREN ZUR SAMMLUNG UND ANALYSE VON DATEN IM ZUSAMMENHANG MIT EINEM BETRIEBSZUSTAND IN EINEM REAKTORSYSTEM MIT UNTERGETAUCHTEM LANZETTENINJEKTOR

Title (fr)

SYSTÈME ET PROCÉDÉ DE COLLECTE ET D'ANALYSE DE DONNÉES RELATIVES À UN ÉTAT DE FONCTIONNEMENT DANS UN SYSTÈME DE RÉACTEUR À LANCE D'INJECTION IMMERGÉE PAR LE HAUT

Publication

EP 3237823 B1 20191030 (EN)

Application

EP 15831160 A 20151223

Priority

- AU 2014905265 A 20141224
- AU 2015901166 A 20150331
- IB 2015059906 W 20151223

Abstract (en)

[origin: WO2016103196A1] A system is provided for collecting and analysing data relating to an operating condition in a top-submerged lancing injector reactor system having a lance, the lower end of which is to be submerged in a molten bath during operation of the top- submerged lancing injector reactor system. The system includes: (a) at least two sensors configured to sense an indicator of the operating condition and to generate a sensed data signal, each sensor being of a different sensor type and at least one of the at least two sensors being a lance-based sensor; and (b) a central processing unit for receiving a plurality of sensed data signals and analysing the sensed data signals relating to at least two indicators of the operating condition to determine a current status of the operating condition.

IPC 8 full level

C21C 5/34 (2006.01); **C21C 5/35** (2006.01); **C21C 5/46** (2006.01); **F27D 3/16** (2006.01); **F27D 19/00** (2006.01); **F27D 21/00** (2006.01); **F27D 99/00** (2010.01)

CPC (source: CN EP KR)

C21C 5/34 (2013.01 - EP); **C21C 5/35** (2013.01 - KR); **C21C 5/4673** (2013.01 - EP); **F27D 3/16** (2013.01 - CN EP KR); **F27D 19/00** (2013.01 - CN EP KR); **F27D 99/0033** (2013.01 - CN EP KR); C21C 5/4613 (2013.01 - EP); F27D 2003/168 (2013.01 - CN); F27D 2099/0036 (2013.01 - CN)

Citation (examination)

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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

DOCDB simple family (publication)

WO 2016103196 A1 20160630; AU 2015370483 A1 20170803; AU 2015370483 B2 20190502; CN 107110605 A 20170829; CN 107110605 B 20200327; EA 033240 B1 20190930; EA 201791302 A1 20171229; EP 3237823 A1 20171101; EP 3237823 B1 20191030; ES 2769200 T3 20200625; JP 2018508731 A 20180329; JP 6503069 B2 20190417; KR 102034940 B1 20191021; KR 20170096138 A 20170823; PE 20171301 A1 20170831; PL 3237823 T3 20200430

DOCDB simple family (application)

IB 2015059906 W 20151223; AU 2015370483 A 20151223; CN 201580070556 A 20151223; EA 201791302 A 20151223; EP 15831160 A 20151223; ES 15831160 T 20151223; JP 2017533565 A 20151223; KR 20177019394 A 20151223; PE 2017001114 A 20151223; PL 15831160 T 20151223