

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 A1 20171101 (EN)**

Application  
**EP 15831160 A 20151223**

Priority  
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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  
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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 (search report)  
See references of WO 2016103196A1

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