

Title (en)
A RECOVERY BOILER, FUEL FEEDING MEANS AND A METHOD FOR FEEDING BLACK LIQUOR AND AIR TO REDUCE NITROGEN OXIDE EMISSIONS

Title (de)
RÜCKGEWINNUNGSKESSEL, BRENNSTOFFZUFÜHRMITTEL UND VERFAHREN ZUR ZUFÜHRUNG VON SCHWARZLAUGE UND LUFT ZUR REDUZIERUNG VON STICKOXIDEMISSIONEN

Title (fr)
CHAUDIÈRE DE RÉCUPÉRATION, MOYENS D'ALIMENTATION EN COMBUSTIBLE ET PROCÉDÉ POUR INTRODUIRE UNE LIQUEUR NOIRE ET DE L'AIR, AFIN DE RÉDUIRE LES ÉMISSIONS D'OXYDE D'AZOTE

Publication
EP 3081690 A1 20161019 (EN)

Application
EP 16165107 A 20160413

Priority
FI 20155278 A 20150414

Abstract (en)
The invention relates to a recovery boiler comprising a set of black liquor feed pipes in the first combustion zone (I), and primary air nozzles below the set of black liquor feed pipes. The recovery boiler comprises an air feed channel above at least part of the length of at least one black liquor feed pipe for supplying combustion air for volatile matter into the first combustion zone (I) along with the black liquor supply in the direction of the length of the at least one black liquor feed pipe. The present invention further relates to fuel feeding means for a recovery boiler and a method for feeding black liquor and air to a recovery boiler to reduce nitrogen oxide emissions.

IPC 8 full level
D21C 11/12 (2006.01); **F22B 31/04** (2006.01); **F23C 7/02** (2006.01); **F23G 7/04** (2006.01)

CPC (source: EP FI)
D21C 11/12 (2013.01 - EP FI); **F22B 1/04** (2013.01 - EP); **F22B 1/18** (2013.01 - EP); **F22B 31/04** (2013.01 - FI); **F22B 37/02** (2013.01 - EP); **F22D 1/38** (2013.01 - EP); **F23C 7/02** (2013.01 - FI); **F23G 7/04** (2013.01 - EP FI); **F23L 1/00** (2013.01 - EP); **F22B 31/04** (2013.01 - EP)

Citation (applicant)
EP 0761871 A1 19970312 - MEAD CORP [US]

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CN112696697A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3081690 A1 20161019; FI 126455 B 20161215; FI 20155278 A 20161015

DOCDB simple family (application)
EP 16165107 A 20160413; FI 20155278 A 20150414