

Title (en)

Process for partial combustion of cellulose spent liquor.

Title (de)

Verfahren zur partiellen Verbrennung von Zellstoffablaugen.

Title (fr)

Procédé de combustion partielle de liqueur de pulpes cellulosiques.

Publication

EP 0459963 B1 19950830 (EN)

Application

EP 91850130 A 19910516

Priority

SE 9001958 A 19900531

Abstract (en)

[origin: EP0459963A1] The present invention relates to a process for partial combustion of cellulose spent liquors using a burner connected to a reactor while adding an oxygen containing gas, maintaining a temperature of more than 700 DEG C within the reactor and that at least half of the non-fuel related amount of oxygen which shall be added to the reactor to partially combust the cellulose spent liquor added through the burner, is added to the reactor as a hot oxygen containing gas added through a channel arranged coaxially around a liquor lance provided for the addition of said cellulose spent liquor, whereby the weight ratio between the oxygen of the oxygen containing gas and the cellulose spent liquor solids is in the range of 0.1-0.7:1. <IMAGE>

IPC 1-7

D21C 11/12

IPC 8 full level

D21C 11/12 (2006.01); **F23G 7/04** (2006.01); **F23N 1/02** (2006.01)

CPC (source: EP KR)

D21C 11/125 (2013.01 - EP); **F23C 5/00** (2013.01 - KR)

Cited by

EP3081690A1; US5486269A; US5628872A; US8596284B2; WO9410085A1; WO9309205A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0459963 A1 19911204; EP 0459963 B1 19950830; AT E127180 T1 19950915; AU 643522 B2 19931118; AU 7718491 A 19911205; BR 9102205 A 19920107; CA 2043605 A1 19911201; CA 2043605 C 20011204; CN 1035959 C 19970924; CN 1057500 A 19920101; DE 69112496 D1 19951005; DE 69112496 T2 19960208; ES 2078500 T3 19951216; FI 101724 B1 19980814; FI 101724 B 19980814; FI 912607 A0 19910530; FI 912607 A 19911201; JP 3050950 B2 20000612; JP H05140887 A 19930608; KR 910020369 A 19911220; NO 176365 B 19941212; NO 176365 C 19950322; NO 911969 D0 19910522; NO 911969 L 19911202; NZ 238221 A 19931026; PT 97792 A 19920228; PT 97792 B 19981030; RU 2032126 C1 19950327; SE 466268 B 19920120; SE 9001958 D0 19900531; SE 9001958 L 19911201; ZA 913732 B 19920226

DOCDB simple family (application)

EP 91850130 A 19910516; AT 91850130 T 19910516; AU 7718491 A 19910522; BR 9102205 A 19910529; CA 2043605 A 19910530; CN 91103739 A 19910531; DE 69112496 T 19910516; ES 91850130 T 19910516; FI 912607 A 19910530; JP 15517891 A 19910531; KR 910008054 A 19910517; NO 911969 A 19910522; NZ 23822191 A 19910522; PT 9779291 A 19910529; SE 9001958 A 19900531; SU 4895672 A 19910530; ZA 913732 A 19910516