

Title (en)

PROCESS FOR REDUCING THE WATER AND ASH CONTENT IN CRUDE TAR

Publication

EP 0283584 B1 19900829 (DE)

Application

EP 87118804 A 19871218

Priority

DE 3709465 A 19870323

Abstract (en)

[origin: EP0283584A1] 1. A process for the reduction of the content of water and ash formers in crude coal tars by means of a three-phase decanting centrifuge with the usual barriers and discharge devices at elevated temperature, characterized in that the crude tar - where appropriate pre-treated - is continuously separated into an aqueous phase, a tar phase and a solid phase in the three-phase decanting centrifuge at a centrifuging number of between 1000 and 3000 g, provided with an open one- or two-threaded, preferably armoured worm, at a temperature of between 60 and 105 degrees C, an average dwell period of the tar of between 30 and 80 sec and a differential rotational speed between the worm and the rotor of from 10 to 50 min⁻¹, the feed being periodically briefly interrupted during the continuous operation.

IPC 1-7

C10C 1/02

IPC 8 full level

C10C 1/02 (2006.01)

CPC (source: EP)

C10C 1/02 (2013.01)

Cited by

DE102015112532A1; WO02102938A1

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

EP 0283584 A1 19880928; EP 0283584 B1 19900829; CS 273648 B2 19910312; CS 83788 A2 19900814; DE 3709465 A1 19881006; DE 3764637 D1 19901004; ES 2003848 A4 19881201; ES 2003848 B3 19910301; JP S63254187 A 19881020; PL 151440 B1 19900928; PL 271346 A1 19890206

DOCDB simple family (application)

EP 87118804 A 19871218; CS 83788 A 19880210; DE 3709465 A 19870323; DE 3764637 T 19871218; ES 87118804 T 19871218; JP 6749588 A 19880323; PL 27134688 A 19880322