

Title (en)

DEVICE AND METHOD FOR PRODUCING FINE MATERIAL FROM CHEMICALLY ACTIVE MILLED STOCK

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON FEINGUT AUS CHEMISCH AKTIVEM MAHLGUT

Title (fr)

DISPOSITIF ET PROCEDE POUR FA ONNER DES PARTICULES FINES A PARTIR DE MATIERE MOULUE CHIMIQUEMENT ACTIVE

Publication

EP 1339497 B1 20090415 (DE)

Application

EP 01995667 A 20011127

Priority

- DE 10059442 A 20001130
- EP 0113799 W 20011127

Abstract (en)

[origin: WO0243868A1] According to known milling and sighting methods, the stock is comminuted in an inert atmosphere in order to prevent moisture from entering the material and to avoid coagulation resulting therefrom. These methods can however not prevent an impairment of the flowability and thus the sieving properties after milling by chemical reactions taking place in the milled stock. The inventive method is characterized in that the milled stock is cooled after milling and before classification in order to reduce the speed at which the chemical reactions take place and to maintain the flowability of the milled stock until classification. The device and the method according to the invention are especially useful for comminuting partially vulcanized elastomers.

IPC 8 full level

B02C 19/18 (2006.01); **B02C 23/12** (2006.01)

CPC (source: EP)

B02C 19/186 (2013.01); **B02C 23/12** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0243868 A1 20020606; AT E428503 T1 20090515; DE 10059442 A1 20020613; DE 50114844 D1 20090528; EP 1339497 A1 20030903; EP 1339497 B1 20090415

DOCDB simple family (application)

EP 0113799 W 20011127; AT 01995667 T 20011127; DE 10059442 A 20001130; DE 50114844 T 20011127; EP 01995667 A 20011127