

Title (en)

METHOD AND DEVICE FOR THE PREPARATION OF SUSPENSIONS WITH CONSTANT INDICATIONS FROM BASIC MATERIALS WITH VARIABLE PROPERTIES

Publication

EP 0210294 B1 19880615 (DE)

Application

EP 85109553 A 19850730

Priority

EP 85109553 A 19850730

Abstract (en)

[origin: US4706892A] A method and a system for preparation of a highly concentrated and fine-grained suspension such as a coal-water slurry comprises feeding of coarse solid matter by a metering conveyor type weigher and of a carrier liquid and additives into a ball mill, in which the solid matter is ground and the suspension is formed. The particle size and distribution are analyzed and the viscosity is determined. The speed of the ball mill and the amounts of the carrier liquid and additives are adjusted during the continuous preparation process so that a suspension with constant characteristic features such as particle size and distribution, content of solid matter and viscosity is supplied into a pipeline.

IPC 1-7

B01F 3/12; **B65G 53/30**

IPC 8 full level

B01F 15/00 (2006.01); **B01F 15/04** (2006.01); **B01J 13/00** (2006.01); **B65G 53/30** (2006.01); **C10L 1/32** (2006.01); **B01F 3/12** (2006.01)

CPC (source: EP US)

B01F 23/56 (2022.01 - EP); **B01F 35/2209** (2022.01 - EP US); **B01F 35/82** (2022.01 - EP US); **B01F 23/56** (2022.01 - US)

Citation (examination)

- WO 8403297 A1 19840830 - UNIV ALFRED RES [US]
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Cited by

CN104609209A; US5993054A; WO9626002A1

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0210294 A1 19870204; **EP 0210294 B1 19880615**; AU 576092 B2 19880811; AU 6047586 A 19870205; CA 1294263 C 19920114; DE 3563310 D1 19880721; JP S6249942 A 19870304; US 4706892 A 19871117; ZA 865440 B 19870325

DOCDB simple family (application)

EP 85109553 A 19850730; AU 6047586 A 19860723; CA 504668 A 19860320; DE 3563310 T 19850730; JP 17683386 A 19860729; US 84044586 A 19860317; ZA 865440 A 19860722