

Title (en)

PROCESS FOR PRODUCING A CARBONATE COMPOSITION.

Publication

EP 0616602 A4 19960717 (EN)

Application

EP 93901327 A 19921211

Priority

- US 9210740 W 19921211
- US 80671791 A 19911212

Abstract (en)

[origin: WO9312038A1] A process and apparatus for obtaining a sodium hydroxide solution and slurry of calcium carbonate particles for use as paper coating includes the step of reacting calcium hydroxide and sodium carbonate in causticizer (6). The resulting slurry is dewatered in a centrifuge (14), and the particles are classified in centrifuge (35). The coarse fraction is separated and comminuted in a grinder (45), and the ground particles are recycled to the mixing tank (33) for combination with fresh slurry. The calcium carbonate product is concentrated in evaporator (39) and transferred to a storage tank (37).

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C01F 11/18; **B02C 23/12**

IPC 8 full level

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CPC (source: EP)

C01D 1/22 (2013.01); **C01F 11/185** (2013.01); **C09C 1/021** (2013.01); **D21H 21/52** (2013.01); **C01P 2004/52** (2013.01); **C01P 2004/53** (2013.01); **C01P 2004/61** (2013.01); **C01P 2004/62** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9312038A1

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DOCDB simple family (publication)

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