

Title (en)
PROCESS FOR REDUCTIVE BLEACHING OF ALKALINE EARTH METAL CARBONATES

Title (de)
VERFAHREN ZUM REDUKTIVEN BLEICHEN VON ERDALKALI KARBONATEN

Title (fr)
PROCEDE DE BLANCHIMENT REDUCTEUR DE CARBONATES DE METAL ALCALINO-TERREUX

Publication
EP 1365993 A1 20031203 (EN)

Application
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• US 0204168 W 20020213

Abstract (en)
[origin: WO02064505A1] A process for improving the brightness of an alkaline earth metal carbonate utilizing formamidine sulfinic acid or sodium dithionite as a reductive bleaching agent is disclosed. Where the alkaline earth metal carbonate is calcium carbonate, addition of the reductive bleaching agent to an aqueous slurry of the calcium carbonate takes place prior to, during, or after formation of the carbonate, which is chosen from at least one of a precipitated calcium carbonate and a ground calcium carbonate.

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Citation (search report)
See references of WO 02064505A1

Citation (third parties)
Third party :
• US 2520850 A 19500829 - JOHN MINNICK LEONARD
• US 6211400 B1 20010403 - BERGHOFER JOSEF [DE], et al
• EP 0844988 A1 19980603 - DORFNER GMBH & CO KAOLIN UND K [DE]

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