

Title (en)
PROCESS FOR PRODUCING STABILISED SODIUM PERCARBONATE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON STABILISIERTEM NATRIUMPERCARBONAT

Title (fr)
PROCEDE DE FABRICATION DE PERCARBONATE DE SODIUM STABILISE

Publication
EP 0687245 B1 19980408 (DE)

Application
EP 94907569 A 19940215

Priority
• DE 4306399 A 19930302
• EP 9400422 W 19940215

Abstract (en)
[origin: US5632965A] PCT No. PCT/EP94/00422 Sec. 371 Date Sep. 28, 1995 Sec. 102(e) Date Sep. 28, 1995 PCT Filed Feb. 15, 1994 PCT Pub. No. WO94/20413 PCT Pub. Date Sep. 15, 1994The invention relates to a method for increasing the storage stability of sodium percarbonate (2 Na₂CO₃·3 H₂O₂) by coating with a sodium perborate. According to the present invention wet sodium percarbonate salt, obtained by reacting sodium carbonate with hydrogen peroxide in aqueous phase and separating the salt from the aqueous phase, is treated with a solution or suspension containing sodium perborate in a solid-liquid separator by a kind of displacement wash. In contrast to previously known methods, according to the present invention a greater storage stability is attained with smaller quantities of perborate coating.

IPC 1-7
C01B 15/10; **C11D 17/00**; **C11D 3/39**

IPC 8 full level
C01B 15/10 (2006.01); **C11D 3/39** (2006.01); **C11D 17/00** (2006.01)

IPC 8 main group level
B01D 12/00 (2006.01)

CPC (source: EP KR US)
C01B 15/10 (2013.01 - KR); **C01B 15/106** (2013.01 - EP US); **C11D 3/3937** (2013.01 - EP US); **C11D 3/3942** (2013.01 - EP US);
C11D 17/0039 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE DE ES FR GB IT SE

DOCDB simple family (publication)
US 5632965 A 19970527; AT E164817 T1 19980415; AU 6109794 A 19940926; DE 4306399 A1 19940908; DE 4306399 C2 19950614; DE 59405647 D1 19980514; EP 0687245 A1 19951220; EP 0687245 B1 19980408; FI 954109 A0 19950901; FI 954109 A 19950901; JP H08507491 A 19960813; KR 960700957 A 19960224; SI 9400104 A 19940930; TR 27376 A 19950201; WO 9420413 A1 19940915

DOCDB simple family (application)
US 50727995 A 19950928; AT 94907569 T 19940215; AU 6109794 A 19940215; DE 4306399 A 19930302; DE 59405647 T 19940215; EP 9400422 W 19940215; EP 94907569 A 19940215; FI 954109 A 19950901; JP 51950694 A 19940215; KR 19950703707 A 19950902; SI 9400104 A 19940301; TR 24094 A 19940223