

Title (en)
PRIMERS FREE OF LEAD AND BARIUM

Publication
EP 0129081 B1 19870930 (DE)

Application
EP 84105762 A 19840519

Priority
DE 3321943 A 19830618

Abstract (en)
[origin: US4581082A] A primer charge containing an oxidizing agent and an initiating explosive. The charge contains as the oxidant zinc peroxide and as the initiating explosive diazodinitrophenol and/or a strontium salt of mono- and/or dinitrodihydroxydiazobenzene. In correspondence with the content of the strontium salt employed, the charge can also be utilized with low tamping; alternatively, such tamping can be selected at will. The charge is furthermore distinguished by lead-free and barium-free combustion products so that the charge does not exhibit the properties which make the heretofore known primer charges deleterious to the health of humans.

IPC 1-7
C06C 7/00

IPC 8 full level
C06B 25/04 (2006.01); **C06B 33/10** (2006.01); **C06B 33/12** (2006.01); **C06C 7/00** (2006.01); **C06C 9/00** (2006.01)

CPC (source: EP US)
C06C 7/00 (2013.01 - EP US)

Cited by
EP0440873A3; DE19548544A1; EP0737174A4; DE19540278A1; EP0704415A1; US5538569A; FR2612177A1; EP1443034A3; WO0066517A1; WO9948842A1; WO9716397A1

Designated contracting state (EPC)
BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0129081 A1 19841227; EP 0129081 B1 19870930; AU 2940384 A 19841220; AU 575565 B2 19880804; BR 8402923 A 19850528; CA 1220342 A 19870414; DD 220301 A5 19850327; DE 3321943 A1 19841220; DE 3321943 C2 19870820; DE 3466526 D1 19871105; FI 79519 B 19890929; FI 79519 C 19900110; FI 842437 A0 19840615; FI 842437 A 19841219; GR 74365 B 19840628; IL 72119 A 19871020; JP S6011291 A 19850121; MX 161714 A 19901218; PT 78748 A 19840701; PT 78748 B 19860714; RU 2053212 C1 19960127; RU 2071960 C1 19970120; US 4581082 A 19860408; YU 104284 A 19861031; YU 43364 B 19890630

DOCDB simple family (application)
EP 84105762 A 19840519; AU 2940384 A 19840615; BR 8402923 A 19840615; CA 456711 A 19840615; DD 26419484 A 19840615; DE 3321943 A 19830618; DE 3466526 T 19840519; FI 842437 A 19840615; GR 840175024 A 19840614; IL 7211984 A 19840615; JP 12390684 A 19840618; MX 20166284 A 19840614; PT 7874884 A 19840615; SU 3755487 A 19840615; SU 4614077 A 19890518; US 62168484 A 19840618; YU 104284 A 19840614