

Title (en)
INFRARED ILLUMINANT

Publication
EP 0457518 A3 19920415 (EN)

Application
EP 91304243 A 19910510

Priority
EP 91304243 A 19910510

Abstract (en)
[origin: EP0457518A2] An infrared illuminant composition and flares produced therefrom having increased burn rate and increased infrared intensity while maintaining low visible light intensity. The composition comprises potassium nitrate, cesium nitrate, hexamine, boron, silicon, ferric oxide and a binder. A process to produce infrared illuminant flares prevents or substantially eliminates chunking out of burning pieces of the illuminant at pressing increments in the flares. A multi-stepped pressing foot (10) is used for pressing the composition in the case. <IMAGE>

IPC 1-7
C06C 15/00; **C06B 33/04**; **F42B 4/26**

IPC 8 full level
C06B 21/00 (2006.01); **C06B 33/04** (2006.01); **C06C 15/00** (2006.01); **F42B 4/26** (2006.01)

CPC (source: EP)
C06B 21/0041 (2013.01); **C06B 33/04** (2013.01); **C06C 15/00** (2013.01); **F42B 4/26** (2013.01)

Citation (search report)

- [X] US 3733223 A 19730515 - LOHKAMP C
- [Y] GB 1277528 A 19720614 - THIOKOL CHEMICAL CORP [US]
- [A] FR 2316204 A1 19770128 - POUDRES & EXPLOSIFS STE NALE [FR]
- [A] GB 2176178 A 19861217 - DU PONT
- [Y] US 2373799 A 19450417 - WILSON FRANK C
- [A] DE 840049 C 19520526 - ALBERS-SCHOENBERG ERNST DR
- [A] DE 3506222 A1 19860828 - MESSERSCHMITT BOELKOW BLOHM [DE]
- [A] DE 291891 C 19160513
- [A] FR 2346634 A1 19771028 - DYNAMIT NOBEL AG [DE]

Designated contracting state (EPC)
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