

Title (en)

FUMES PRODUCING CASTABLE COMPOSITIONS EFFICACIOUS IN THE INFRA-RED RANGE

Publication

**EP 0210082 B1 19880810 (FR)**

Application

**EP 86401123 A 19860527**

Priority

FR 8508603 A 19850607

Abstract (en)

[origin: US4698108A] The invention concerns a castable pyrotechnic composition used to produce opaque smoke for impeding the transmission of infrared radiation from a target to a sensor, of the type including a compound generating carbon particles whose dimensions are between 1 and 14  $\mu$  m. The composition includes a condensed halogenated carbon compound with a melting point between 75 DEG C. and 120 DEG C., with a halogenation ratio greater than 3, such as chloronaphthalene, a fluoro carbon compound such as vinylidene polyfluoride, and a metal powder such as magnesium, reacting together at a temperature of the order of 1500 DEG C. Application is in camouflaging targets emitting infrared radiation.

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IPC 8 full level

**C06B 27/00** (2006.01); **C06D 3/00** (2006.01)

CPC (source: EP US)

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**FR 2583037 A1 19861212**; **FR 2583037 B1 19871113**; CA 1271334 A 19900710; DE 3660487 D1 19880915; EP 0210082 A1 19870128; EP 0210082 B1 19880810; NO 164591 B 19900716; NO 164591 C 19901024; NO 861901 L 19861208; US 4698108 A 19871006

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