

Title (en)

Device for generating ignition germs in propellants and fuels

Title (de)

Vorrichtung zur Erzeugung von Zündkeimen in Treib- und Brennstoffen

Title (fr)

Dispositif de création de germes d'allumage dans des combustibles et des combustibles propulseurs

Publication

**EP 0911381 A3 19991103 (DE)**

Application

**EP 98118186 A 19980925**

Priority

- DE 19742489 A 19970926
- DE 19829174 A 19980630

Abstract (en)

[origin: EP0911381A2] A tin alloy granulate is used as igniter in propellants and fuels. Production of a granulate comprises melting the granulate in a tin alloy having a solution-activating alloying component and quenching in a medium preventing the oxidation of the granulate so that a particle size of up to 3 mm diameter and a large surface area are produced.

IPC 1-7

**C10L 1/12**; **C10L 1/10**

IPC 8 full level

**C06B 27/00** (2006.01); **C06B 45/34** (2006.01); **C06D 5/10** (2006.01); **C10L 1/12** (2006.01)

CPC (source: EP)

**C10L 1/1208** (2013.01)

Citation (search report)

- [X] DE 9103500 U1 19910725
- [PX] WO 9743539 A1 19971120 - IAT TECHNOLOGIES LTD [IE]
- [X] GB 2272942 A 19940601 - SHERWOOD ROGERS STEPHEN ANTHON [GB]
- [X] WO 9516123 A1 19950615 - E P A ECOLOGY PURE AIR INC [BB]
- [X] GB 2248240 A 19920401 - C & G ENGINEERING & ENTERPRISE [GB]
- [X] EP 0399801 A1 19901128 - WRIBRO LTD [GB]
- [X] GB 1079698 A 19670816 - CARBON FLO PROPRIETARY LTD
- [A] DE 3440202 A1 19860507 - ANDERSEN KJELD
- [A] US 4420462 A 19831213 - CLYDE ROBERT A [US]
- [A] US 3994697 A 19761130 - BURKE HARRY B

Designated contracting state (EPC)

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DOCDB simple family (application)

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