

Title (en)

PROCESS FOR THE MANUFACTURE OF A SMOKE-PRODUCING DEVICE GENERATING A TRAIL OF A GIVEN COLOUR, RED OR OTHERWISE, ESPECIALLY INTENDED TO EQUIP A GYRATORY ALARM OR SIGNALLING PROJECTILE, AND COLOURED SMOKE-PRODUCING DEVICE SO OBTAINED

Publication

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Application

**EP 82401713 A 19820921**

Priority

FR 8119317 A 19811014

Abstract (en)

[origin: ES8308058A1] The present invention concerns a process and an arrangement for manufacturing a smoke emitting arrangement which generates a trace of smoke of predetermined color, red or other color, particularly adapted for use with a spin-stabilized projectile forming a distress or signal flare, and the colored smoke emitting arrangement obtained thereby. The process is characterized in that one obtains a smoke emitting composition by dry-mixing in a pulverulent state a sublimable coloring medium and a pyrotechnic carrier support composition by distributing the coloring medium between the particles of the carrier support composition and then placing the end-product (charge), so obtained, into a rigid, fluid-tight housing, which has an opening forming a nozzle oriented along an average predetermined direction, and by compressing the charge in the interior of this housing in such a way that it is least compressed in the proximity of the nozzle. The so-obtained arrangement for colored smoke emission is particularly suited for use with spin-stabilized projectiles.

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Citation (search report)

- [AD] FR 2355274 A1 19780113 - FRANCE ETAT [FR]
- [A] US 3633512 A 19720111 - SCHLACK ALLEN F, et al

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