

Title (en)
CHEMILUMINESCENT ILLUMINATING ELEMENT

Title (de)
CHEMILUMINESZENTES LICHTELEMENT

Title (fr)
ELEMENT D'ECLAIRAGE CHIMILUMINESCENT

Publication
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Application
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Abstract (en)
[origin: US2003223219A1] The invention concerns a chemiluminescent illuminating element comprising two containers filled respectively with an oxalate solution (5) and an activating solution. The oxalate solution is in a sealed pouch (1) made of a thin film (2,3) of aluminium foil, on the inside, and a polymer, for instance polyolefin, thereby forming the first container. The latter is enclosed in a larger sealed pouch (6) made of translucent polymeric film (7,8), forming the second container, which also contains the liquid activator (10). The outer pouch consists of two polymeric films (7,8) sealed together at their periphery and contains a ball (11) capable of tearing open the inner pouch (1) by the user's manual action.

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WO 0166994 A1 20010913; AT E354059 T1 20070315; AU 4212001 A 20010917; AU 783847 B2 20051215; BR 0109138 A 20030624; CA 2402334 A1 20020909; CA 2402334 C 20101012; CN 1229586 C 20051130; CN 1427933 A 20030702; DE 60126685 D1 20070329; DE 60126685 T2 20071108; DK 1421314 T3 20070709; EP 1421314 A1 20040526; EP 1421314 B1 20070214; ES 2280346 T3 20070916; JP 2003532253 A 20031028; JP 4663950 B2 20110406; KR 100847195 B1 20080717; KR 20030025223 A 20030328; MX PA02008830 A 20041029; PT 1421314 E 20070531; US 2003223219 A1 20031204; ZA 200207236 B 20030718

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