

Title (en)  
IGNITION ELEMENTS AND FINELY ADJUSTABLE IGNITION COMPOSITIONS

Title (de)  
ANZÜNDELEMENTE UND FEIN ABSTUFBARE ZÜNDSATZE

Title (fr)  
ELEMENTS ET COMPOSITIONS D'AMOR AGE A SENSIBILITE FINEMENT REGLABLE

Publication  
**EP 0781260 A1 19970702 (DE)**

Application  
**EP 95932725 A 19950912**

Priority  
• DE 4432521 A 19940913  
• EP 9503589 W 19950912

Abstract (en)  
[origin: EP1110928A1] The ignition element, consisting of a combination of 2 detonators, comprises a first detonator (hot wire detonator) contg. initiator(s), heat dissipating additive(s), oxidant(s) and a binder, and a second detonator (output detonator) contg. constituent(s) producing hot reaction particles, an oxidant and a binder. Also claimed are a 2-component ignition element in which the first detonator contains a heat-dissipating initiator and opt. a heat dissipating additive; and the first and second detonator per se.

IPC 1-7  
**C06C 7/00**; **C06C 9/00**

IPC 8 full level  
**C06B 31/18** (2006.01); **C06B 35/00** (2006.01); **C06B 45/14** (2006.01); **C06C 7/00** (2006.01); **C06C 9/00** (2006.01)

CPC (source: EP KR)  
**C06B 45/14** (2013.01 - EP); **C06C 7/00** (2013.01 - EP KR); **C06C 9/00** (2013.01 - EP)

Citation (search report)  
See references of WO 9608454A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI PT SE

DOCDB simple family (publication)  
**EP 1110928 A1 20010627**; AT E210619 T1 20011215; CZ 296695 B6 20060517; CZ 70797 A3 19971112; DE 19533487 A1 19960314; DE 59509947 D1 20020124; EP 0781260 A1 19970702; EP 0781260 B1 20011212; JP H10505573 A 19980602; KR 100407715 B1 20040330; KR 970706215 A 19971103; PL 181960 B1 20011031; PL 319093 A1 19970721; WO 9608454 A1 19960321

DOCDB simple family (application)  
**EP 01103794 A 19950912**; AT 95932725 T 19950912; CZ 70797 A 19950912; DE 19533487 A 19950912; DE 59509947 T 19950912; EP 9503589 W 19950912; EP 95932725 A 19950912; JP 50990495 A 19950912; KR 19970701762 A 19970313; PL 31909395 A 19950912