

Title (en)  
Igniter for electric ignition systems.

Title (de)  
Zündelement für elektrische Zündsysteme.

Title (fr)  
Amorce pour systèmes électriques d'amorçage.

Publication  
**EP 0314898 A1 19890510 (EN)**

Application  
**EP 88114625 A 19880907**

Priority  
JP 23046387 A 19870914

Abstract (en)  
An igniter for electric ignition systems (36) is made up of integrally formed terminals (33) and heating elements (35) of metal thin film. Therefore, it maintains its stable ignition performance, high safety, and high reliability over a long period of time even in a severe environment. The heating element (35) is covered with a protective coating film made of an inorganic material to ensure good heat conduction and to maintain the initial performance over a long period of time.

IPC 1-7  
**F42B 3/12**; **F42C 19/12**

IPC 8 full level  
**B60R 21/26** (2006.01); **C06C 7/00** (2006.01); **F42B 3/12** (2006.01)

CPC (source: EP)  
**F42B 3/124** (2013.01)

Citation (applicant)  
• DE 3606364 A1 19870903 - DYNAMIT NOBEL AG [DE]  
• US 3420174 A 19690107 - POTTER RICHARD R

Citation (search report)  
• DE 3606364 A1 19870903 - DYNAMIT NOBEL AG [DE]  
• DE 3416735 A1 19851107 - DYNAMIT NOBEL AG [DE]  
• US 4409898 A 19831018 - BLIX JAN-OLOV [SE], et al

Cited by  
EP0949479A1; US5341742A; US5320382A; EP0510551A3; US5647924A; US5711531A; DE19802432A1; EP1092938A3; US6220164B1; US6810815B2; WO02079713A1; WO02057705A3

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DOCDB simple family (publication)  
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**EP 88114625 A 19880907**; CA 576821 A 19880908; DE 3872485 T 19880907; JP 23046387 A 19870914