

Title (en)
PYROTECHNICAL RETARDING ELEMENT

Title (de)
PYROTECHNISCHES VERZÖGERUNGSELEMENT

Title (fr)
ÉLÉMENT RETARDATEUR PYROTECHNIQUE

Publication
EP 3218331 A1 20170920 (DE)

Application
EP 15801346 A 20151109

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Abstract (en)
[origin: WO2016075091A1] The invention relates to a pyrotechnical retarding element for use in pyrotechnical igniter trains, said retarding element containing a lighting charge mixture, a retarding charge mixture and a firing charge mixture; the lighting charge mixture and the firing charge mixture contain at least 40 percent by weight boron, at least 20 percent by weight iron(III) oxide, and at least 5 percent by weight potassium perchlorate, the percentages adding up to 100 wt% in each mixture, and the retarding charge mixture contains at least 5 percent by weight potassium perchlorate, at least 10 percent by weight titanium(IV) oxide, at least 30 percent by weight tungsten, and at least 2 percent by weight aluminum.

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Citation (search report)
See references of WO 2016075091A1

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