

Title (en)

Hydrocarbon binder containing pyrotechnic gas-generating compositions and method for continuous manufacturing

Title (de)

Kohlenwasserstoffbindemittel enthaltende pyrotechnische gaserzeugende Zusammensetzungen und Verfahren zur kontinuierlichen Herstellung

Title (fr)

Compositions pyrotechniques génératrices de gaz à liant hydrocarboné et procédé de fabrication en continu

Publication

EP 1216977 A3 20020911 (FR)

Application

EP 01403255 A 20011214

Priority

FR 0016879 A 20001222

Abstract (en)

[origin: US6824626B2] The invention is directed to a solvent-free gas-generating pyrotechnic composition, and a method for continuously manufacturing the composition in a twin-screw mixer-extruder, the composition including a binder, a nitrogenous organic compound, an oxidizing filler, and optionally at least one additive; the oxidizing filler including an ammonium perchlorate and a chlorine scavenger; the binder including at least one polymer, having a molecular mass greater than 200,000 and selected from a polyester polymer and an acrylic ester, and wherein the binder including at least one liquid constituent selected from a polyester resin and a plasticizer.

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Citation (search report)

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