

Title (en)

METHODS OF PREPARING GAS GENERANT FORMULATIONS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON GASERZEUGENDEN ZUSAMMENSETZUNGEN

Title (fr)

PROCEDES DE PREPARATION DE FORMULATIONS GENERATRICES DE GAZ

Publication

EP 0805789 A1 19971112 (EN)

Application

EP 95906163 A 19950126

Priority

US 9500083 W 19950126

Abstract (en)

[origin: WO9622954A1] Novel methods for processing gas generant compositions to produce feed stock are disclosed. The methods of the present invention include utilizing a binding agent and other additives in a mixture of ingredients of gas generant compositions in sufficient quantities that the ingredients of the gas generating material will agglomerate to form granules as the ingredients are mixed. Processing methods, including roll coating, continuous mixing, static mixing, freeze drying, solvent extraction, emulsification, azeotropic distillation, spray drying, fluidized bed processing and particle grinding are also disclosed for use in preparing feed stock for final gas generant products. The methods of the present invention are particularly useful in processing gas generating materials having a non-azide based fuel.

IPC 1-7

C05B 19/00; **C22B 1/14**; **B01D 1/16**; **B01D 3/00**; **B22F 3/00**; **B22F 5/00**; **B22F 7/00**

IPC 8 full level

C06B 21/00 (2006.01); **C06D 5/00** (2006.01); **C06D 5/06** (2006.01)

CPC (source: EP KR)

C06B 21/0066 (2013.01 - EP KR); **C06B 21/0091** (2013.01 - EP KR); **C06D 5/06** (2013.01 - EP KR)

Designated contracting state (EPC)

BE DE ES FR GB IT NL PT SE

DOCDB simple family (publication)

WO 9622954 A1 19960801; AU 1448695 A 19960814; EP 0805789 A1 19971112; EP 0805789 A4 20000906; JP H10512843 A 19981208; KR 19980701746 A 19980625; MX 9705711 A 19971031

DOCDB simple family (application)

US 9500083 W 19950126; AU 1448695 A 19950126; EP 95906163 A 19950126; JP 52282196 A 19950126; KR 19970705142 A 19970726; MX 9705711 A 19950126