

Title (en)  
PROCESS FOR MANUFACTURING POWDER FOR PROPULSIVE CHARGES.

Title (de)  
VERFAHREN ZUM HERSTELLEN VON TREIBLADUNGSPULVER.

Title (fr)  
PROCEDE POUR FABRIQUER DE LA POUDRE DE CHARGE PROPULSIVE.

Publication  
**EP 0288505 A1 19881102 (DE)**

Application  
**EP 87906819 A 19871008**

Priority  
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• EP 8700585 W 19871008

Abstract (en)  
[origin: WO8802743A1] In order to produce bivalent powder for propulsive charges by the solvent-free process, the rough mixture of damp powder is kneaded at a high temperature in a shear cylinder, to which the mixture is continually fed and on an end face of which the gelled mixture is continually removed and immediately granulated in a continuous manner. The granulate obtained is continuously fed to an extruding machine by means of which it is coiled in the form of powder strips which are converted, by cutting and finishing treatment, into a finished powdery product. This process offers the dual advantage of combining entirely continuous operation with a high degree of reliability.

Abstract (fr)  
Pour fabriquer de la poudre de charge propulsive bivalente par le procédé sans solvant, le mélange brut de poudre humide est malaxé à haute température dans un cylindre de cisaillement auquel le mélange est amené en continu et sur une extrémité frontale duquel le mélange gélifié est prélevé en continu et granulé immédiatement en continu. Le granulat obtenu est acheminé en continu à une extrudeuse au moyen de laquelle il est boudiné sous forme de cordons de poudre qui sont transformés, par coupe et traitement de finition, en produit pulvérulent fini. Ce procédé présente le double avantage de pouvoir être exécuté entièrement en continu et d'être très fiable.

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IPC 8 full level  
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Citation (search report)  
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