

Title (en)  
METHOD OF AND APPARATUS FOR MIXING GRANULAR COMPONENTS

Publication  
**EP 0135919 A3 19870114 (DE)**

Application  
**EP 84111221 A 19840920**

Priority  
DE 3334013 A 19830921

Abstract (en)  
[origin: US4565451A] A method and apparatus for combining granular components. The granular material, in finely divided form, is moved from spaced-apart locations into flight paths or trajectories which overlap or cross one another. The mixing of the components first takes place in the crossover zone of the trajectories. The material is thus continuously and uniformly mixed in a simple manner. The apparatus for carrying out the method includes two drums which are rotated in opposite directions. Receivers for the components are distributed on the surfaces of the drums. An extraction device is located between the drums for removing the granular material from the receivers as the drums rotate. In the region below the extraction device, there is disposed a mixing zone in which the trajectories of the material cross one another.

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CPC (source: EP US)  
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Citation (search report)  
• [Y] DD 85914 A  
• [Y] DK 8111 A  
• [X] DE 152494 C  
• [A] US 2321082 A 19430608 - HARSHBERGER NORMAN P  
• [A] US 2068761 A 19370126 - PENLEY BENJAMIN S

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