

Title (en)  
Mixing device and mixing method.

Title (de)  
Mischvorrichtung und -verfahren.

Title (fr)  
Dispositif et procédé de mélange.

Publication  
**EP 0487310 A1 19920527 (EN)**

Application  
**EP 91310662 A 19911119**

Priority  
• JP 23665291 A 19910917  
• JP 23665391 A 19910917  
• JP 31700490 A 19901121  
• JP 31700590 A 19901121

Abstract (en)  
By rotating mixing blades (11, 12, 40, 41, 42, 51, 52, 61, 62, 71, 72) having blades being inclined in opposite directions, pulverulent materials such as cement can be effectively mixed with a liquid under the most suitable condition to produce a desirable mixture. The mixing blades are opposite to each other and formed so as to have their front edges being larger in distance than their rear edges relative to the direction of rotation, thereby to cause the parts of the mixture around the respective mixing blades to come into collision with each other between the mixing blades. The mixture of high quality in which the pulverulent materials are uniformly dispersed without being left in the form of immiscible lumps with the liquid can be obtained. <IMAGE>

IPC 1-7  
**B01F 15/00**

IPC 8 full level  
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CPC (source: EP)  
**B01F 27/0724** (2022.01)

Citation (search report)  
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• [A] PATENT ABSTRACTS OF JAPAN vol. 7, no. 185 (C-181)(1330) 13 August 1983 & JP-A-58 088 126 ( NIHON ITA GLASS )

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