

Title (en)

Mixer for impregnating particles in a mass with a binding material

Title (de)

Mischer zum Imprägnieren von Teilchen in einer Masse mittels eines Bindemittels

Title (fr)

Malaxeur pour l'impregnation de particules dans la masse par un liant

Publication

**EP 0434477 B1 19960731 (FR)**

Application

**EP 90403108 A 19901102**

Priority

FR 8915170 A 19891120

Abstract (en)

[origin: EP0434477A1] The mixer comprises a rotary shaft 7 passing through a stationary hopper 1, carrying a perforated rotating tray 3 and having, passing through it, a conduit 6 ending in a spraying nozzle 8, a spraying chamber 5 and a rotary assembly consisting of a stirrer 9 and a conical tray 10. <??>The rotary assembly is connected by arms 11 to the tray 3. A conical tray 10 dips into a mixing chamber 12 equipped with counter blades 13 and rotating in a direction opposite to that of the rotary assembly. <??>Permits an excellent impregnation in bulk by virtue of the intimate contact and of the mixing of the coated particles. <IMAGE>

IPC 1-7

**B01F 5/20**; **B01F 13/10**

IPC 8 full level

**B01F 25/70** (2022.01); **B01F 25/90** (2022.01); **B01J 2/00** (2006.01)

CPC (source: EP US)

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Cited by

CN108553662A; CN104549106A; EP0716055A1; CN110314568A; CN108515078A; CN109569386A; EP0457634A1; FR2662155A1

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