

Title (en)

Mixer for manufacturing blocks of stone material

Title (de)

Mischer für die Herstellung von Blöcken aus Steinmaterial

Title (fr)

Mélangeur pour la fabrication de blocs à partir d'un matériau pierreux

Publication

EP 0970790 B1 20040204 (EN)

Application

EP 99201970 A 19990618

Priority

IT TV980023 U 19980707

Abstract (en)

[origin: EP0970790A2] In a mixer operating under vacuum for the preparation of a mixture for the production of blocks of stone material, for permitting the addition of additives, in particular colouring agents, during the mixing cycle without having to restore the atmospheric pressure in the mixture and then to add the additive and thereafter to provide again vacuum, there is mounted on the vacuum-tight cover (18) of the mixer at least one metering device (20), which is preferably also maintained under the same vacuum, comprising a hopper (30,32) which is closed at the bottom by an element or cylinder (42) which has a plurality of cavities (50) suitable for being filled with the additive or colouring agent contained in the hopper (30,32). The plurality of cavities (50) are arranged alternately with angular offsetting of 180 DEG so that, by rotating the cylinder (42) through 180 DEG, the cavities (50) filled with the additive are caused to be discharged into the mixing chamber (10) of the mixer without communication being established between the mixing chamber (10), which is under vacuum, and the outside, which is under atmospheric pressure. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

CN112173744A; CN108905857A; CN113442287A; CN108818944A; CN110076906A; WO2014108582A1; WO03027042A2; WO2006122893A3; US10981346B2; US11498298B2; EP3095768A1; WO2016189377A1; US10850424B2; US10981293B2; US11529752B2; US12030260B1; EP3297969B1

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