

Title (en)

PROCESS FOR CONTROLLING A SAND AND GRAVEL SORTING AND SIZING DEVICE

Title (de)

VERFAHREN ZUR STEUERUNG EINER SORTIER- UND KLASSIERVORRICHTUNG FÜR SAND UND KIES

Title (fr)

PROCEDE PERMETTANT DE COMMANDER UN DISPOSITIF DE TRIAGE ET DE CALIBRAGE POUR LE SABLE ET LE GRAVIER

Publication

**EP 0921860 A1 19990616 (DE)**

Application

**EP 97935480 A 19970719**

Priority

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Abstract (en)

[origin: DE19630085A1] A process is disclosed for controlling the composition of a product from a device for sizing and sorting mineral raw materials, in particular sand and gravel, which must keep a predetermined finest sand concentration in the sand product quantity. For that purpose, an additional sizing separation of the sand product quantity into a sand fraction (mPr) and into a finest sand fraction (mFSS) to be discharged through the overflow is carried out in the chamber above the level (hFS) of the fluidised bed contained in the chamber. In order to set a predetermined finest sand concentration (C<Prsoll) in the sand product quantity, the level (hFS) of the fluidised bed is regulated in such a way that the proportion of finest sand (m<A) in the loaded amount of raw material can be divided by the fluidised bed into a finest sand proportion permissible as a function of the predetermined concentration (C<Prsoll) to be discharged into the sand product quantity (mPr) and into a finest sand proportion (mFSS) to be discharged through the overflow.

IPC 1-7

**B03B 13/00**; **B03B 5/62**; **B03B 5/66**

IPC 8 full level

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