

Title (en)

METHOD AND SYSTEM FOR PRODUCING A HYDRAULIC BINDER

Title (de)

VERFAHREN UND ANLAGE ZUR HERSTELLUNG EINES HYDRAULISCHEN BINDEMITELS

Title (fr)

PROCÉDÉ ET INSTALLATION DE PRODUCTION D'UN LIANT HYDRAULIQUE

Publication

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Application

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Abstract (en)

[origin: WO2012150213A1] In the method according to the invention for producing a hydraulic binder, cement clinker is produced and subsequently ground exclusively in the material bed using at least one roller mill, and at least 2% of a precipitated calcium carbonate-containing product is added to said cement clinker before or after the cement clinker grinding process. The system according to the invention for producing a hydraulic binder has a first processing section for producing cement clinker and a second processing section which adjoins the first processing section and which comprises at least one cement clinker grinding system for grinding the cement clinker. The cement clinker grinding system comprising only one grinding assembly in the form of at least one material bed roller mill with two grinding rollers which are pressed against each other and which have a grinding gap between each other. The invention further relates to a precipitation assembly for producing a precipitated calcium carbonate-containing product, said assembly being connected to the second processing section upstream or downstream of the at least one material bed roller mill in order to mix the precipitated calcium carbonate-containing product with the cement clinker.

IPC 8 full level

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