

Title (en)

Method and apparatus for extracting water from combustion residues mechanically discharged from a wet slag remover

Title (de)

Verfahren und Vorrichtung zum Entziehen von Wasser aus mechanisch aus einem Nassentschlacker ausgetragenen Verbrennungsrückständen

Title (fr)

Procédé et dispositif pour enlever l'eau des résidus de combustion évacués mécaniquement d'un dispositif d'enlèvement du laitier par voie humide

Publication

EP 0972988 B1 20030212 (DE)

Application

EP 99111009 A 19990610

Priority

CH 150298 A 19980714

Abstract (en)

[origin: EP0972988A1] The method for processing ash and clinker from a furnace involves dropping the hot clinker into a water bath (14) from where it is extracted by a moving grid conveyor. A negative pressure is applied to the underside of the grid to remove water and vapor, with the water recycled back to the bath. The water bath is thermally insulated to retain heat and ensure that the wet clinker is between 70 and 80 degrees C for maximum drying efficiency. The grid drops the dried clinker into a bin and is cleaned by air jets.

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CPC (source: EP)

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Cited by

EP2182280A1; CN108443897A; CN113654063A; DE102009032760B3; CN102997256A; CN104033894A; US2010294457A1; CN109838802A; US7311049B2; CN106052354A; WO03085323A1

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