Abstract (en)
[origin: WO2008047196A2] The method of drying lignite and unit for implementing This drying lignite method is the subject of the invention. The method of drying the lignite, characterized by the fact that after pouring the lignite to the drying column (1), hot air is transferred as long as assumed humidity is achieved in the raw material, however circulation of air in it is causing its transfer through the layers of coal and some air circulates in the chamber as long as proper max. saturation is effected then it is removed by cooling at the heat exchanger (3) and re-heated to the working temperature. The direction of air circulation in the drying chamber is reversible in the drying cycle process. Device for drying the lignite coal with the way according to Claim 1, characterized by the fact that that it contains at least one module of the drying chamber (1), consisting of the thermally insulated casing (10) with air exchange windows (7) and (8) on the whole width of the column and at some part at this height of the working (W) column's part, on one or both sides heat exchangers (3) and axial fans (2) with the work characteristics parting chamber into upper and lower air circulation.