

Title (en)

METHOD FOR DRYING HYGROSCOPIC MATERIAL AND APPARATUS FOR DRYING HYGROSCOPIC MATERIAL

Title (de)

VERFAHREN ZUM TROCKNEN EINES HYGROSKOPMATERIALS UND VORRICHTUNG ZUM TROCKNEN EINES HYGROSKOPMATERIALS

Title (fr)

PROCÉDÉ DE SÉCHAGE DE MATÉRIAU HYGROSCOPIQUE ET APPAREIL DE SÉCHAGE DE MATÉRIAU HYGROSCOPIQUE

Publication

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Application

**EP 14753723 A 20140213**

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Abstract (en)

[origin: WO2014129957A1] The invention relates to a method for drying hygroscopic material (2), comprising the steps a) supplying hygroscopic material (2) in a drying chamber (4) comprising a drying medium (6), b) supplying energy to the drying chamber (4), c) detecting the drying medium's (6) dry bulb temperature in the drying chamber (4) and providing an output signal for the detected dry bulb temperature, d) detecting the drying medium's (6) wet bulb temperature in the drying chamber (4) and providing an output signal for the detected wet bulb temperature, e) detecting the temperature of the hygroscopic material's (2) surface layer (11) and providing an output signal for the detected surface temperature and f) utilizing the output signal for the detected dry bulb temperature, the output signal for the detected wet bulb temperature and the output signal for the detected surface temperature as an indication of the hygroscopic material's (2) surface moisture content for regulating the properties of the drying medium (6). The invention also relates to an apparatus for drying hygroscopic material (2).

IPC 8 full level

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