

Title (en)
PLASMA MODIFICATION OF WATER-ABSORBING POLYMER FORMATIONS

Title (de)
PLASMAMODIFIZIERUNG WASSERABSORBIERENDER POLYMERGEBILDE

Title (fr)
STRUCTURES POLYMÈRES HYDROABSORBANTES MODIFIÉES PAR PLASMA

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Abstract (en)
[origin: WO2011029704A1] The present invention relates to a method for producing surface-modified water-absorbing polymer formations, comprising the following steps: i) providing a plurality of water-absorbing polymer formations; ii) treating the surface of the water-absorbing polymer formations provided in step i) by means of a plasma; wherein the water-absorbing polymer formations are mixed with each other during process step ii). The invention further relates to a device for said method, the surface-modified water-absorbing polymer formations obtained by said method, a compound comprising said surface-modified water-absorbing polymer formations and a substrate, a method for producing a compound, a compound obtained by said method, chemical products comprising said surface-modified water-absorbing polymer formations or the compound, and the use of the surface-modified water-absorbing polymer formations or of the compound in chemical products.

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