

Title (en)

DEVICE FOR FRACTIONATING AND SCATTERING SPECIALLY FIBROUS PARTICLES

Title (de)

VORRICHTUNG ZUM FRAKTIONIEREN UND STREUEN VON INSBESONDERE FASERIGEN TEILCHEN

Title (fr)

DISPOSITIF POUR FRACTIONNER ET DISSEMINER EN PARTICULIER DES PARTICULES FIBREUSES

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Abstract (en)

[origin: WO9847677A1] The invention relates to a device for fractionating specially fibrous particles having different sizes, specially lignocellulose and/or cellulose-containing fibers, chips or similar particles. The device comprises a dosing hopper (1) containing the non-fractionated particles, a substantially flat sifting device (19) connected downstream to the dosing hopper (1) and a feed unit for the dosing hopper (1) through which the particles are fed from the dosing hopper (1) to the surface of the sifting device (19). A conveyor device with a plurality of portioning segments (17) which are separated from each other and which can move along the surface of the sifting device (19) is provided in the area of the sifting device (19). Part of the particles fed by the feed device to the surface of the sifting device (19) can be moved or displaced along the sifting device (19) on each of said portioning segments. The invention further relates to a device for scattering the preferably fibrous particles treated with binding agents in such a device, e.g. wood fibers, wood chips or the like.

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