

Title (en)

PROCESS AND DEVICE FOR THE CONTINUOUS MOISTENING OF GRAIN AND USE OF THE MOISTENING DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KONTINUIERLICHEN NETZEN VON GETREIDE SOWIE VERWENDUNG DER NETZVORRICHTUNG

Title (fr)

PROCEDE ET DISPOSITIF POUR MOUILLER EN CONTINU DES CEREALES ET UTILISATION DU DISPOSITIF MOUILLE-GRAIN

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Application

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Abstract (en)

[origin: US5538747A] PCT No. PCT/CH93/00189 Sec. 371 Date Jun. 22, 1994 Sec. 102(e) Date Jun. 22, 1994 PCT Filed Jul. 27, 1993 PCT Pub. No. WO94/03274 PCT Pub. Date Feb. 17, 1994The invention proposes the damping of grain, for example, by creating a rotating layer (20) in a damping chamber (2) with the help of acceleration rotors (3). For this, the cross-section of the rotation chamber is designed to form an outer boundary around two or, preferably, three acceleration rotors (3, 3', 3''). In this way, the rotating layer is forced into an eccentric and spiralling motion within the damping chamber (2). Damping is carried out in a very gentle manner, so that there occurs hardly any abrasion and no grain damage. Additional advantages include a longer and controllable reaction period during damping, optimized preparation for milling and a shorter, controllable tempering period.

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