

Title (en)

METHOD OF INCORPORATING FATTY MATTER INTO GRANULATED PRODUCTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BEFETTEN EINES GRANULATPRODUKTES

Title (fr)

PROCEDE ET DISPOSITIF POUR INCORPORER DES MATIERES GRASSES DANS UN PRODUIT GRANULE

Publication

**EP 0915664 A1 19990519 (DE)**

Application

**EP 96922726 A 19960723**

Priority

CH 9600265 W 19960723

Abstract (en)

[origin: WO9803080A1] The invention pertains to a method and a device for incorporating fatty matter into granulated feed products such as extrudates, pellets, expander pellets, etc., with a fat-supplying liquid. Thus, pellets produced in the extruder or expander of the press (4) are dried in a dryer (5) and passed through an intermediate container (10) into a mixer (12). Using a metering pump (18) a predetermined amount of fat-supplying liquid is added to the mixer (12) and spread on the surface of the product pieces through the mixing process. After a predetermined period of time a vacuum pump (20) generates a negative pressure in the mixer so as to evacuate the air from the capillaries or pores of the product pieces. The negative pressure in the mixer (12) is then relieved through an expansion valve (21) so that the air entering into the mixer and into the pores or capillaries of the product pieces transports the fat-supplying liquid on the surface of the pieces as well as additional fat-supplying liquid into the pores or capillaries, thereby filling them to the extent that a high proportion of approximately 30 % fat-supplying liquid is incorporated in the pores or capillaries of the product pieces. Following this process the product is passed into an intermediate container (14) and from there delivered as end product using a dispensing and metering element.

IPC 1-7

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IPC 8 full level

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