

Title (en)

Method and apparatus for mixing solid containing foodstuff.

Title (de)

Verfahren und Vorrichtung zum Herstellen von Nahrungsmitteln mit festen Bestandteilen.

Title (fr)

Dispositif et procédé de mélange de produits alimentaires contenant des morceaux solides.

Publication

EP 0579463 A1 19940119 (EN)

Application

EP 93305410 A 19930709

Priority

- JP 6998593 A 19930329
- JP 21082792 A 19920715

Abstract (en)

A mixer (17) for mixing solid containing foodstuff in the course of material conveyance prior to a step of filling, comprising inlets (21,21a) through which a fluid (14) of high solid content ratio and a fluid (13) being free from solids or of low solid content ratio are fed, respectively, an outlet (22) through which the mixed foodstuff is discharged, and impellers (33,36) adapted to be rotated and/or reciprocated by drive means substantially only in the direction transverse to the direction of material conveyance. The impellers (33,36) extend from immediately below the fluid inlets (21,21a) to immediately above the fluid outlet (22) or are at least partially cut off so as to clear the fluid inlets (21,21a) and outlets (22). Control means is provided to synchronously stop the impellers (33,36) as the foodstuff begins to enter the mixer (17). To improve the mixing effect, the impellers (33,36) are arranged so as to define spaces between outer peripheries of the impellers (33,36) and the mixer's inner wall and/or between the impellers (33,36) and a rotary shaft (32) thereof. <IMAGE>

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CPC (source: EP)

B01F 27/1125 (2022.01); **B01F 27/80** (2022.01)

Citation (search report)

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