

Title (en)  
DEVICE AND METHOD FOR COMMUNUTING PARTICLES IN LIQUID MATERIAL

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM ZERKLEINERN VON PARTIKELN IN EINEM FLIESSFÄHIGEN MATERIAL

Title (fr)  
DISPOSITIF ET PROCÉDÉ POUR BROIER DES PARTICULES DANS UN MATÉRIAU COULANT

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Abstract (en)  
[origin: WO2012152951A2] The invention relates to a device (1) for comminuting particles in a liquid material, in particular a powder or a semi-liquid for producing a chocolate mass. Said device (1) comprises at least one pair of rollers (2, 3), for which at least one process parameter, in particular the roller contact pressure and/or the rotational speed of one of the rollers (2, 3) can be adjusted. The invention also relates to a device (1) comprising a filling level meter (11) for measuring the height of the filling level (5) of the liquid material in the roller gap or in a roller trough (4) arranged upstream of the rollers. A control unit (11) modifies at least one process parameter in accordance with the measured height of the filling level (5) of the liquid material in the roller gap or in the roller trough (4). The invention also relates to a method for comminuting particles in a liquid material and to a method for calibrating a control unit (10).

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