Title (en)

METHOD FOR PRODUCING A DISPERSION AND RELATED APPARATUS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER DISPERSION UND VORRICHTUNG HIERZU

Title (fr)

PROCÉDÉ DE PRODUCTION D'UNE DISPERSION ET DISPOSITIF ASSOCIÉ

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Application

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Abstract (en)

[origin: WO2010091769A1] The invention relates to a method and to an apparatus for dispersing substances by means of melting and emulsifying the substance. For this purpose, a substance is melted in a first volume flow (2) by raising the temperature to above the melting point thereof. A second volume flow (3) having a working fluid with a temperature that is below the melting point is mixed turbulently with the first volume flow so that droplets are formed from the substance, are cooled down by the second volume flow (3) to form particles and are separated. The working fluid and the particles form the dispersion. Emulsifiers for stabilizing the emulsion are not needed.

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