

Title (en)
Emulsification apparatus and fine-grain manufacturing apparatus

Title (de)
Emulgierungsgerät und Gerät zur Herstellung von Feinkorn

Title (fr)
Appareil d'émulsion et appareil de fabrication de grains fins

Publication
EP 1913994 A3 20091202 (EN)

Application
EP 07020543 A 20071019

Priority
JP 2006285664 A 20061020

Abstract (en)
[origin: EP1913994A2] A fine-grain manufacturing apparatus 100 has a fluid device including a microscopic channel that has an orifice 203, 204, 205 which brings liquid to a jet 310, a channel wall having a piezoelectric element 206, 207 that actively oscillates liquid, and a unit that measures the diameter of grains floating in a fluid and the number of grains. The piezoelectric element 206, 207 oscillates to skid in the same direction as the flowing direction of a fluid. The fine-grain manufacturing apparatus 100 mass-produces grains having diameters thereof controlled.

IPC 8 full level
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Citation (search report)

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