

Title (en)

MILK FROTHER

Title (de)

MILCHSCHÄUMER

Title (fr)

POT À MOUSSER LE LAIT

Publication

**EP 4178402 A1 20230517 (EN)**

Application

**EP 21742834 A 20210713**

Priority

- GB 202010775 A 20200713
- EP 2021069534 W 20210713

Abstract (en)

[origin: GB2597072A] A milk frother comprising a tank 5 for receiving milk and a whisk 10 driven by a drive, which may be magnetic, to rotate in the milk to mix the heating milk and to produce foam. The frother further comprises a heater to heat the milk and a temperature sensor to measure the temperature of the milk. The frother is provided with a control unit controlling the duration of the actuation of the drive and heater at least in part on the change of temperature of the milk detected by the temperature sensor during a predetermined time interval. The frother may include a selector that determines the ratio of froth to be produced, wherein the drive is controlled to run at a second speed to produce this froth ratio. The drive may be controlled in dependence on the ratio of froth being produced, and the control unit may determine the volume of milk from the change in temperature or rate of change in temperature detected using the formula  $V=a \Delta T_b$ , where a and b are constants determined by the geometry of the frother.

IPC 8 full level

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CPC (source: EP GB)

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