

Title (en)

Gear pump for forming and conveying air-liquid mixtures, designed for rapid cleaning without disassembly.

Title (de)

Zahnradpumpe zum Formen und Transportieren von Luft-Flüssigkeitsmischungen, angepasst zum schnellen Reinigen ohne Demontierung.

Title (fr)

Pompe du type à engrenage pour former et transporter des mélanges air-liquide, adaptée à être nettoyée sans désassemblage.

Publication

EP 0338505 A1 19891025 (EN)

Application

EP 89106918 A 19890418

Priority

IT 4571788 A 19880418

Abstract (en)

The present invention relates to a gear pump particularly useful for employ in an apparatus for the instantaneous preparation of whipped cream, for forming a mixture of air and liquid cream at an adjustable mixing rate, and for conveying this mixture. The pump has an air inlet port (7,8) downstream of the liquid inlet port (4) adjacent the path of the teeth of each of its gears, and an outlet port (14) for the mixture downstream of the camming sector of the gears of the pump. The air aspiration flowpath extents in part through adjustment means (9) operable to adjust the amount of the liquid intake of the pump.

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B01F 5/14

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] GB 691807 A 19530520 - JAGENBERG WERKE AG
- [A] FR 2124958 A5 19720922 - APAW SA

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DOCDB simple family (publication)

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