

Title (en)
HEAD FOR DISPENSING FLUID MATERIAL

Title (de)
KOPF ZUR AUSGABE VON FLÜSSIGEN STOFFEN

Title (fr)
TETE DE DISTRIBUTION DE PRODUIT FLUIDE

Publication
EP 3548185 A1 20191009 (FR)

Application
EP 17821972 A 20171201

Priority
• FR 1661845 A 20161202
• FR 2017053344 W 20171201

Abstract (en)
[origin: WO2018100321A1] Head for dispensing fluid material. Head for dispensing fluid material (T) comprising a spraying wall (26) perforated with a network of holes (O) through which the pressurised fluid material passes so as to be sprayed in fine droplets, characterised in that the network of holes (O) comprises at least two rows of holes (O), with the holes (O) of the same row having a substantially identical hole size, and with the holes (O) of different rows having different hole sizes, such that a row of holes (O) generates a spray of fine droplets with a distribution of droplet sizes defining a first Gaussian distribution, while another row of holes (O) generates a spray of fine droplets with a distribution of droplet sizes defining a second Gaussian distribution, which is staggered with respect to the first Gaussian distribution, thus producing a complex spray with at least two separate Gaussian distributions.

IPC 8 full level
B05B 1/00 (2006.01)

CPC (source: CN EP US)
B05B 1/14 (2013.01 - EP US); **B05B 1/185** (2013.01 - EP); **B05B 1/26** (2013.01 - US); **B05B 7/0892** (2013.01 - US); **B05B 11/10** (2023.01 - US); **B05B 11/1042** (2023.01 - US); **B21D 5/002** (2013.01 - CN); **B21D 5/01** (2013.01 - CN); **B21D 28/26** (2013.01 - CN); **B21D 37/10** (2013.01 - CN); **B65D 83/28** (2013.01 - EP); **B65D 83/753** (2013.01 - EP US); **B05B 7/0892** (2013.01 - EP); **B05B 11/10** (2023.01 - EP); **B05B 11/1023** (2023.01 - EP)

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