

Title (en)
HUMIDIFIER

Title (de)
BEFEUCHTER

Title (fr)
DISPOSITIF DE BRUMISATION

Publication
EP 1931923 A1 20080618 (FR)

Application
EP 06793854 A 20060927

Priority
• EP 2006066787 W 20060927
• FR 0553016 A 20051005

Abstract (en)
[origin: FR2891474A1] The mist sprayer (1) consists of a centrifugal fan (2) with an axial intake (3) and radial outlet (6), generating a gas flow to transport liquid droplets produced by diffusion nozzles (10) located in or above the radial gas outlet flow. The fan can be mounted on a support that also acts as a supply pipe. The sprayer can also have a series of deflector shutters pivoted parallel to the fan's axis of rotation to control the direction of the flow, with the fan, nozzles and shutters being enclosed in a housing (4) with a polygonal outer edge.

IPC 8 full level
F24F 5/00 (2006.01); **F04D 29/58** (2006.01); **F24F 1/0071** (2019.01); **F24F 6/14** (2006.01)

CPC (source: EP US)
F04D 29/705 (2013.01 - EP US); **F24F 1/0007** (2013.01 - EP US); **F24F 1/0071** (2019.01 - EP US); **F24F 5/0035** (2013.01 - EP US); **F24F 6/14** (2013.01 - EP US); **F24F 2006/146** (2013.01 - EP US); **Y02B 30/54** (2013.01 - EP US)

Citation (search report)
See references of WO 2007039530A1

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FR 2891474 A1 20070406; FR 2891474 B1 20071214; EP 1931923 A1 20080618; US 2008251611 A1 20081016; WO 2007039530 A1 20070412

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