

Title (en)

NOZZLE FOR SPRAYING DRY ICE, NOTABLY DRY ICE MADE FROM CARBON DIOXIDE

Title (de)

SPRÜHDÜSE ZUM ZERSTÄUBEN VON TROCKENEIS, INSBESONDERE TROCKENEIS AUS KOHLENDIOXID

Title (fr)

BUSE DE PROJECTION DE GLACE SÈCHE, NOTAMMENT DE GLACE CARBONIQUE

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Application

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Abstract (en)

[origin: WO2013001205A1] The invention relates to a device for spraying particles of dry ice, notably for the purpose of cleaning surfaces, comprising a spray nozzle (4) allowing the passage of a fluid medium driving said particles, said nozzle (4) having an outlet orifice (5) and comprising a throat (6) and a divergent (7), said divergent (7) extending between the throat (6) and the nozzle outlet orifice (5). According to the invention, said divergent (7) has at least one first stage extending between the throat (6) and an outlet orifice of said first stage (5, 12), and the ratio between the area of the throat (6) and the area of said outlet orifice (5, 12) of the first stage of the divergent is greater than 0.2.

IPC 8 full level

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