

Title (en)

IMPROVED NOZZLE FOR SPRAY GUNS INTENDED FOR PAINTS AND DERIVATIVES, BASED ON FLUID TRANSFER

Title (de)

VERBESSERTE DÜSE FÜR SPRÜHPISTOLEN FÜR FARBEN UND DERIVATE DAVON AUF BASIS VON FLUID-ÜBERTRAGUNGEN

Title (fr)

BOUSE PERFECTIONNÉE POUR PISTOLET À PEINTURE ET DÉRIVÉS AVEC TRANSFERT DE FLUIDES

Publication

**EP 2478964 A4 20130814 (EN)**

Application

**EP 10808007 A 20100805**

Priority

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Abstract (en)

[origin: EP2478964A2] The invention relates to an improved nozzle for spray guns intended for paints and derivatives based on fluid transfer, made up of the resin outlet (9), a catalyst inlet (1), the air crests (8) with nozzle (7) outlet holes, which nozzle houses internal channels through which the catalyst is conveyed to the holes (2). The nozzle also includes other internal pressurized air inlet channels (4) which convey the air through the inside to different elements on the surface of the nozzle (7), such as outlet, in a first phase (5), for forming the resin fan and outlets, in a second phase (3), for generating a cloud that sprays the catalyst, where the resin fluids and the catalyst or other components are mixed outside the nozzle (7) at the time of use, the nozzle further having external holes (6) for extra air supply.

IPC 8 full level

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CPC (source: EP ES)

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Citation (search report)

- [Y] US 5419491 A 19950530 - BREITSPRECHER CHARLES O [US]
- [Y] DE 202009001815 U1 20090430 - BERSCH & FRATSCHE GMBH [DE]

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