Title (en)

DEVICE AND METHOD FOR SUPPLYING AIR TO AN APPLICATION ZONE OF A PAINT BOOTH

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ZUFÜHREN VON LUFT ZU EINEM APPLIKATIONSBEREICH EINER LACKIERANLAGE

Title (fr)

PROCEDE ET DISPOSITIF D'AMENEE D'AIR DANS UNE ZONE D'APPLICATION D'UNE INSTALLATION DE PEINTURE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009106255A1] The invention relates to a device for supplying air to an application zone (108) of a painting line (100), comprising a recirculating air circuit and at least one conditioning unit (188) that conditions at last part of the air guided in the recirculating air circuit, the device comprising at least one air humidity conditioning unit (190). The aim of the invention is to improve said device in such a manner that it allows an especially energy-efficient operation. The device according to the invention comprises a plurality of different flow paths for at least two partial air flows (A, B). The at least two partial air flows (A, B) can be differently conditioned in the different flow paths.

IPC 8 full level

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Opponent :

- DE 102006008431 A1 20070830 - REHAU AG & CO [DE]
- EP 0595864 B1 19950517 - HERRMANN JOHANNES [DE]

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