

Title (en)

HEAT TREATMENT BY INJECTION OF A HEAT-TRANSFER GAS

Title (de)

WÄRMEBEHANDLUNG DURCH INJEKTION EINES WÄRMEÜBERTRAGUNGSGASES

Title (fr)

TRAITEMENT THERMIQUE PAR INJECTION D'UN GAZ CALOPORTEUR.

Publication

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Application

EP 12725101 A 20120503

Priority

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Abstract (en)

[origin: WO2012153046A1] The present invention relates to the heat treatment of a precursor that reacts with temperature, and that comprises in particular the steps of: preheating or cooling a heat-transfer gas to a controlled temperature, and injecting the preheated or cooled gas over the precursor. Advantageously, besides the temperature (T0) of the heat-transfer gas, the following are also controlled: the flow rate (D) of the gas at the injection over the precursor, and also a distance (x) between the precursor and an outlet (5) for injection of the gas over the precursor, in order to finely control the temperature of the precursor receiving the injected gas.

IPC 8 full level

H01L 21/67 (2006.01); **H01L 21/428** (2006.01); **H01L 31/032** (2006.01)

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Citation (search report)

See references of WO 2012153046A1

Citation (examination)

- WO 0244430 A1 20020606 - BOC GROUP PLC [GB], et al
- JP 2010001560 A 20100107 - PHILTECH INC
- US 4923396 A 19900508 - HARADA MASAHIRO [JP], et al

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DOCDB simple family (publication)

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