

Title (en)

METHOD AND DEVICE FOR RECYCLING GAS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR GASRÜCKGEWINNUNG

Title (fr)

PROCEDE ET DISPOSITIF DE RECUPERATION DE GAZ

Publication

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Application

EP 03775284 A 20031103

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Abstract (en)

[origin: WO2004042092A1] The invention relates to the recycling of gas used during the quenching process in a thermal treatment, for example. According to the invention, the gas is removed directly from the chamber (2) and is compressed to the pressure prevailing in the high-pressure container (1) rather than being decompressed into a gas buffer, an additional compression step (3) being connected if the pressure inside the chamber lies below a threshold value, wherefore conduits (10, 11) comprising overflow regulators (12, 13) lead to the individual compression steps.

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C21D 1/62

IPC 8 full level

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CPC (source: EP US)

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