

Title (en)

METHOD AND DEVICE FOR PRODUCING FORMALDEHYDE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON FORMALDEHYD

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE PRODUIRE DU FORMALDEHYDE

Publication

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Application

**EP 99957687 A 19991210**

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- AT 207398 A 19981210

Abstract (en)

[origin: WO0033952A1] The invention relates to a method for producing formaldehyde from air, methanol and possibly water in a formaldehyde reactor with silver catalyst (2). By means of a special reaction gas cooling structure (3) the reaction gas is cooled in less than 60 milliseconds. The reaction gas cooler is configured as an internally-cooled horizontal tube heat exchanger (3). A spray cooler (4) can be arranged below the reaction gas cooler (3). The method provided for in the invention allows for high yields, good product quality and a trouble-free service life of the apparatus.

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