

Title (en)  
METHOD FOR PRODUCING CYCLOPENTANONE

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON CYCLOPENTANON

Title (fr)  
PROCÉDÉ DE PRODUCTION DE CYCLOPENTANONE

Publication  
**EP 2155642 A1 20100224 (DE)**

Application  
**EP 08760043 A 20080527**

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Abstract (en)  
[origin: WO2008148661A1] The invention relates to a method for producing cyclopentanone. Said method comprises the step of reacting a mixture (G1), which contains at least cyclopentene, with a mixture (G2), which contains at least dinitrogen monoxide. The reaction is carried out in at least one reactor (R1) having channels with a diameter in the range of 0.1 mm to 50 mm, the reactor comprising at least two zones (Z1) and (Z2) having channels with different diameters and the diameters of the channels of zone (Z1) being smaller than the diameter of the channels of zone (Z2).

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