

1. // 2000. 1. 1. 71-76.  
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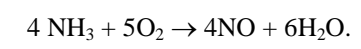
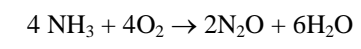
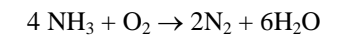
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A method of ammonia removal from gaseous emissions has been developed consisting in passing ammonia-containing emissions through the mixture of iron-chromium/nickel-chromium catalyst bed. In the course of the process a high ammonia conversion is attained with minimal formation of NOx.

[1-3].

[4].



[8].

• ;  
 •  
 •<sup>3/</sup> ) ;  
 •  
 •

0,05

0,5

(200 ) , (200 )  
 400  
 : 98,0 – 99,4 %  
 : 1,2%  
 200° 400° : 1: 9 1: 4  
 : 0,35% ( 99,7%)  
 a.  
 200 - 350° 210°  
 355° -  
 400°  
 6000 -1.

	-	-	-1	NH <sub>3</sub> , %	NO <sub>x</sub> / 3	NO <sub>x</sub> , %
1	1:4	250	1650	98,7	29	0,35
2	1:4	200	8200	97,7	25	0,35
3	1:1	200	7300	98,6	24	0,29
4	5:1	250	7400	96,9	16	0,19
5	7:1	250	8200	98,7	24	0,29
6	7:1	250	10000	98,0	23	0,29

200 – 350°  
 : 1.  
 1993 (6), 24. 2. , 1985. 3. Meinel Siegfried, Wondraczek Werner, Scilling Horst, Pat. 290592 GDR, Publ.06.06.91. 4. Siemens . Y., t. 3717194 FRG, ubl. 01.12.88. 5. , 1997 (10). 6. , 1992 ( 22). 7. , 1976 (17). 8. , 1983.