

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

UMICORE AG & CO. KG,

Petitioner,

v.

BASF CORPORATION

Patent Owner.

IPR2015-01125

U.S. Patent 7,601,662

**PATENT OWNER'S PRELIMINARY RESPONSE TO PETITION
FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 7,601,662
PURSUANT TO 35 U.S.C. § 312 AND 37 C.F.R. § 42.104**

Table of Contents

- I. INTRODUCTION1
- II. THE 662 PATENT4
 - A. Background4
 - B. Summary of the Invention.....5
 - C. Inter Partes Reexamination8
 - 1. Dedecek in view of Chung.....9
 - D. Claim Construction10
 - 1. “[C]atalyst” (claim 1).....10
 - 2. “[Z]eolite having the CHA crystal structure” (claim 1)11
 - 3. “[I]on-exchanged copper” and “non-exchanged copper” (claim 9)11
 - 4. “[T]he catalyst effective to promote the reaction of ammonia with nitrogen oxides to form nitrogen and H₂O selectively” (claim 1)12
- III. GROUNDS 1 AND 2 SHOULD NOT BE INSTITUTED14
 - A. Maeshima and Breck Do Not Disclose That a Cu-Zeolite Having the CHA Structure is a Lead Compound for the Reduction of NO_x16
 - B. Maeshima Does Not Disclose a Cu/Al Ratio of a CuCHA21
 - C. Breck Does Not Provide Adequate Motivation to Increase The Silica to Alumina Ratio of a CuCHA.....23
 - D. Unexpected Results26
 - 1. There is Substantial Evidence That the Claimed Invention Produced Unexpected Results26
 - 2. The Schutze Declaration Submitted By Petitioner Is Legally Irrelevant.....28
 - E. Other Secondary Considerations of Nonobviousness.....33
 - 1. Skepticism.....33
 - 2. Long-Felt Need35
 - 3. Praise37

F.	The Evidence of Secondary Considerations is Commensurate With the Scope of the Claims.....	38
G.	Failure of Proof as to Claims 3, 4, 7, and 8.....	40
H.	Failure of Proof as to Claims 9 and 10.....	40
IV.	GROUND 3 AND 4 SHOULD NOT BE INSTITUTED	42
A.	Dedecek Has Previously Been Rejected as a Lead Reference.....	43
B.	Breck is Cumulative of Chung	44
C.	Secondary Considerations of Nonobviousness	47
D.	Failure of Proof as to Claims 3, 4, 7, and 8.....	47
E.	Failure of Proof as to Claims 9 and 10.....	48
V.	CONCLUSION.....	49

Table of Exhibits

Exhibit 2001	Declaration of Stanley Roth in the <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,601,662
Exhibit 2002	Cavataio, G., et. al., "Enhanced Durability of a Cu/Zeolite Based SCR Catalyst." SAE Int. J. Fuels. Lubr., Vol. 1, Issue 1 (2008).
Exhibit 2003	Declaration of Ahmad Moini in the <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,601,662
Exhibit 2004	Second Declaration of Pramod Ravindran in the <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,601,662
Exhibit 2005	Third Party Comments After Patent Owner's Response After ACP in the <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,601,662
Exhibit 2006	USPTO Right of Appeal Notice for Reexamination of U.S. Patent No. 7,601,662
Exhibit 2007	Request for <i>Inter Partes</i> Reexamination in the proceedings of U.S. Patent No. 7,601,662
Exhibit 2008	Order Granting/Denying Request for <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,601,662
Exhibit 2009	Declaration of Stacey I. Zones in the <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,601,662
Exhibit 2010	Declaration of Gary L. Haller in the <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,601,662
Exhibit 2011	Second Declaration of Ahmad Moini in the <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,601,662
Exhibit 2012	Centi, G., et. al., "Nature of Active Species in Copper-Based Catalysts and their Chemistry of Transformation of Nitrogen Oxides," Applied Catalysis A: General, Vol. 132, Issue 2 (1995)

Exhibit 2013	Second Declaration of Stanley Roth in the <i>Inter Partes</i> Reexamination of Ivor Bull et al., U.S. Patent No. 7,601,662
Exhibit 2014	Kwak, J., et. al., "Excellent Activity and Selectivity of Cu-SSZ-13 in the Selective Catalytic Reduction of NO _x with NH ₃ ," Journal of Catalysis (2010)
Exhibit 2015	Dedecek, J., et. al., "Effect of Framework Charge Density on Catalytic Activity of Copper Loaded Molecular Sieves on Chabazite Structure in Nitrogen (II) Oxide Decomposition," Collect. Czech. Chem. Commun., Vol. 65 (2000)

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