



US007297364B2

(12) **United States Patent**  
**Krause-Heringer et al.**

(10) **Patent No.:** **US 7,297,364 B2**

(45) **Date of Patent:** **Nov. 20, 2007**

(54) **METHOD FOR REFURBISHING LAMP SURFACES**

(75) Inventors: **Alexander Krause-Heringer**, Berkley, MI (US); **Maurice Paperi**, Macomb, MI (US)

(73) Assignee: **The Magni Group, Inc.**, Birmingham, MI (US)

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

4,147,576 A	4/1979	Beem et al.
4,247,580 A	1/1981	Chao
4,497,755 A	2/1985	Korsyn
4,510,001 A	4/1985	Speer
4,588,619 A	5/1986	Fiscus et al.
4,948,443 A	8/1990	Speer
5,401,152 A	3/1995	Jacino et al.
5,569,346 A	10/1996	Marshall
5,955,113 A	9/1999	Jacino et al.
6,106,648 A	8/2000	Butt
2003/0047268 A1	3/2003	Korchnak et al.
2005/0208210 A1*	9/2005	Kuta ..... 427/140

(21) Appl. No.: **11/311,852**

(22) Filed: **Dec. 19, 2005**

(65) **Prior Publication Data**  
US 2007/0141242 A1 Jun. 21, 2007

\* cited by examiner

*Primary Examiner*—William Phillip Fletcher, III  
(74) *Attorney, Agent, or Firm*—Clark Hill PLC

(51) **Int. Cl.**  
**B05D 1/02** (2006.01)  
**B05D 3/02** (2006.01)  
**B05D 3/06** (2006.01)  
**B05D 3/12** (2006.01)

(57) **ABSTRACT**

A method for refurbishing a surface of a lamp having surface damage includes the steps of removing the lamp from the motor vehicle. An original clear coat finish is removed from the surface of the lamp. The surface of the lamp is evened. Swirls and scratches are grinded out of the surface. The surface is then buffed and cleaned. A replacement clear coat material is sprayed over the surface of the lamp. The replacement clear coat material is then cured.

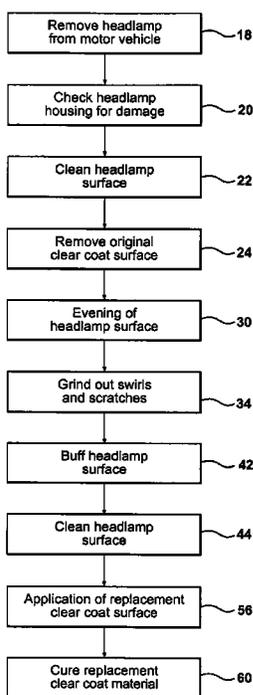
(52) **U.S. Cl.** ..... 427/140; 427/542; 427/164; 427/290; 427/427.4

(58) **Field of Classification Search** ..... None  
See application file for complete search history.

(56) **References Cited**  
U.S. PATENT DOCUMENTS

3,822,158 A 7/1974 Hoffman et al.

**24 Claims, 3 Drawing Sheets**



16