

ALTANA AKTIENGESELLSCHAFT

Form 6-K

October 10, 2006

**Form 6-K**  
**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

**Report of Foreign Private Issuer**  
**Pursuant to Rules 13a-16 or 15d-16 of**  
**the Securities Exchange Act of 1934**

Dated: October 10<sup>th</sup>, 2006

**ALTANA Aktiengesellschaft**

(Translation of Registrant's name into English)

**Am Pilgerrain 15**

**D-61352 Bad Homburg v. d. Höhe**

**Federal Republic of Germany**

(Address of principal executive offices)

Indicate by check mark whether the Registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F  Form 40-F

Indicate by check mark if the Registrant is submitting the Form 6-K in paper as permitted by Regulation S-T

Rule 101(b)(1):

Indicate by check mark if the Registrant is submitting the Form 6-K in paper as permitted by Regulation S-T

Rule 101(b)(7):

Indicate by check mark whether the Registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes  No

If "Yes" is marked, indicate below the file number assigned to the Registrant in connection with Rule 12g3-2(b): 82-

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This Report on Form 6-K is hereby incorporated by reference into the Registrant's Registration Statements on Form S-8, dated September 13, 2002 (File No. 333-99485), dated September 24, 2003 (File No. 333-109074), dated September 24, 2004 (File No. 333-119240), and dated September 26, 2005 (File No. 333-128583).

This Report on Form 6-K contains:

Letter to the New York Stock Exchange, Inc. dated October 10<sup>th</sup>, 2006

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

ALTANA Aktiengesellschaft

Dated: October 10<sup>th</sup>, 2006

By: /s/ Dr. Hermann Küllmer  
Name: Dr. Hermann Küllmer  
Title: Chief Financial Officer and Member  
of the Management Board

By: /s/ Dr. Rudolf Pietzke  
Name: Dr. Rudolf Pietzke  
Title: General Counsel

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*By Telefax-No. 001-212-656-5071 and by mail*

Mr. Stefan Jekel  
Account Representative  
International Client Services  
New York Stock Exchange, Inc.  
20 Broad Street  
New York, New York 10005  
U.S.A.

**ALTANA AG**

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October 10<sup>th</sup>, 2006

**ALTANA Aktiengesellschaft**

Dear Mr. Jekel,

in accordance with Section 204.33 of the NYSE Listed Company Manual we hereby submit information about the re-purchase and re-sale of ALTANA shares by ALTANA AG during the third quarter of 2006.

Shares have been re-purchased and re-sold exclusively in transactions executed on the Frankfurt Stock Exchange.

-	Number of treasury shares held by ALTANA AG as per June 30 <sup>th</sup> , 2006:	4,413,831
-	Number of shares re-purchased from July 1 <sup>st</sup> to September 30 <sup>th</sup> , 2006:	
-	Number of shares disposed of from July 1 <sup>st</sup> to September 30 <sup>th</sup> , 2006:	
-	Number of treasury shares held by ALTANA AG on September 30 <sup>th</sup> , 2006:	4,413,831

With kind regards,

ALTANA AG

/s/ Klaus Malkomes

/s/ Dr. Rudolf Pietzke

Klaus Malkomes  
Vorsitzender des Aufsichtsrats:  
Justus Mische  
Vorstand:  
Dr. h. c. Nikolaus Schweickart (Vorsitzender)  
Dr. Hermann Küllmer,  
Dr. Hans-Joachim Lohrisch,  
Dr. Matthias Wolfgruber

Dr. Rudolf Pietzke

Sitz und Registergericht:  
Bad Homburg v. d. Höhe, HRB-Nr. 1933