

Notification and public disclosure of transactions by persons discharging managerial responsibilities and persons closely associated with them in fiscal year 2017:

| Date | First and Last Name | Reason for Notification | Function / Status | Financial Instrument / ISIN | Form / Place of Business Transaction | Currency / Price | Number of Shares | Total Amount |
|------------|---------------------|---------------------------|--|-------------------------------------|--------------------------------------|------------------|------------------|----------------|
| 24.03.2017 | Dr. Wolfgang Trier | Member of Executive Board | Dr. Wolfgang Trier, Chief Executive Officer | No-par Value Shares DE0005178009 | Purchase / XETRA | Euro 10.55 | 3,826 | Euro 40,364.30 |
| 27.03.2017 | Dr. Wolfgang Trier | Member of Executive Board | Dr. Wolfgang Trier, Chief Executive Officer | No-par Value Shares DE0005178009 | Purchase / XETRA | Euro 10.50 | 674 | Euro 7,077.00 |
| 27.03.2017 | Dr. Wolfgang Trier | Member of Executive Board | Dr. Wolfgang Trier, Chief Executive Officer | No-par Value Shares DE0005178009 | Purchase / XETRA | Euro 10.20 | 5,005 | Euro 51,051.00 |