## Directors' Dealings disclosure pursuant to Art. 19 Market Abuse Regulation

## -disclosed transactions 2019-

Details of person subject to	o disclosure requirement	Information about the transaction with duty of notification							
Last name, first name	Position	Description of the financial instrument	ISIN	Type of transaction	Place	Date	Price in EUR	Volume	Aggregated information
Dr Conradi, Johannes	Chairman of the supervisory board	Share	DE000A0LD2U1	Acquisition	XETRA	30.08.2019; UTC +2	14.99	18,902.39	
Dr Conradi, Johannes	Chairman of the supervisory board	Share	DE000A0LD2U1	Acquisition	XETRA	30.08.2019; UTC +2	15.00	76,650.00	Average weighted share price: EUR 15.004 Aggregated volume: EUR 180,043.68
Dr Conradi, Johannes	Chairman of the supervisory board	Share	DE000A0LD2U1	Acquisition	XETRA	30.08.2019; UTC +2	15.01	84,491.29	
Dexne, Alexander	Chief Financial Officer	Share	DE000A0LD2U1	Acquisition	XETRA	28.08.2019; UTC +2	15.00	109,290.00	Average weighted share price: EUR 14.997
Dexne, Alexander	Chief Financial Officer	Share	DE000A0LD2U1	Acquisition	XETRA	28.08.2019; UTC +2	14.99	40,682.86	Aggregated volume: EUR 149,972.86
Hérault, Benoît	Member of the supervisory board	Share	DE000A0LD2U1	Acquisition	Frankfurt	28.08.2019; UTC +2	14.98	10,486.00	Average weighted share price: EUR 14.98
Hérault, Benoît	Member of the supervisory board	Share	DE000A0LD2U1	Acquisition	Frankfurt	28.08.2019; UTC +2	14.98	28,462.00	
Hérault, Benoît	Member of the supervisory board	Share	DE000A0LD2U1	Acquisition	Frankfurt	28.08.2019; UTC +2	14.98	28,462.00	Aggregated volume: EUR 82,390.00
Hérault, Benoît	Member of the supervisory board	Share	DE000A0LD2U1	Acquisition	Frankfurt	28.08.2019; UTC +2	14.98	14,980.00	
Frensch, Stefanie	Member of the supervisory board	Share	DE000A0LD2U1	Acquisition	XETRA	28.08.2019; UTC +2	15.03	22,545.00	Average weighted share price: EUR 15.03 Aggregated volume: EUR 22,545.00
Elamine, Olivier	Chief Executive Officer	Share	DE000A0LD2U1	Acquisition	Outside a trading venue	28.08.2019; UTC +2	14.95	6,727.50	
Elamine, Olivier	Chief Executive Officer	Share	DE000A0LD2U1	Acquisition	Outside a trading venue	28.08.2019; UTC +2	14.95	6,727.50	Average weighted share price: EUR 14,95 Aggregated volume: EUR 22,425.00
Elamine, Olivier	Chief Executive Officer	Share	DE000A0LD2U1	Acquisition	Outside a trading venue	28.08.2019; UTC +2	14.95	6,727.50	
Elamine, Olivier	Chief Executive Officer	Share	DE000A0LD2U1	Acquisition	Outside a trading venue	28.08.2019; UTC +2	14.95	2,242.50	

## -disclosed transactions 2018-

Details of person subject to disclosure requirement		Information about the transaction with duty of notification								
Last name, first name	Position	Description of the financial instrument	ISIN	Type of transaction	Place	Date	Price in EUR	Volume	Aggregated information	
Dr Düttmann, Bernhard	Member of the supervisory board	Share	DE000A0LD2U1	Acquisition	XETRA	20.09.2017; UTC + 2	12.85	12,850.0	Average weighted share price: EUR 12.85 Aggregated volume: EUR 12,850.00	
Dexne, Alexander	Chief Financial Officer	Share	DE000A0LD2U1	Acquisition	XETRA	22.08.2018; UTC +2	13.16	18,173.9	Average weighted share price: EUR 13.1535	
Dexne, Alexander	Chief Financial Officer	Share	DE000A0LD2U1	Acquisition	XETRA	22.08.2018; UTC +2	13.15	34,439.8	Aggregated volume: EUR 52,613.81 85	
Frensch, Stefanie	Member of the supervisory board	Share	DE000A0LD2U1	Acquisition	XETRA	25.05.2018; UTC +2	12.62	29,909.4	Average weighted share price: EUR 12.620 Aggregated volume: EUR 29,909.40	
Voigt, Marianne	Member of the supervisory board	Share	DE000A0LD2U1	Acquisition	XETRA	07.05.2018; UTC +2	12.51	763.1	Average weighted share price: EUR 12.5198 Aggregated volume: EUR 38,811.39	
Voigt, Marianne	Member of the supervisory board	Share	DE000A0LD2U1	Acquisition	XETRA	07.05.2018; UTC +2	12.52	38,048.2		
									Average weighted share price: EUR 12.37	
Voigt, Marianne	Member of the supervisory board	Share	DE000A0LD2U1	Acquisition	XETRA	21.03.2018; UTC +1	12.37	30,925.0	Average weighted share price: EUR 12.37 Aggregated volume: EUR 30,925.00	
					Outside a trading					
Elamine, Olivier	Chief Executive Officer	Share	DE000A0LD2U1	Acquisition	venue	06.03.2018; UTC +1	12.20	7,503.0	Average weighted share price: EUR 12.20 Aggregated volume: EUR 61,000.00	
Elamine, Olivier	Chief Executive Officer	Share	DE000A0LD2U1	Acquisition	Outside a trading venue	06.03.2018; UTC +1	12.20	53,497.0		