Sensata Technologies Holding N.V.

Form 4

February 14, 2013

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB

response...

Check this box if no longer

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

3235-0287 Number: January 31, Expires:

OMB APPROVAL

subject to Section 16. Form 4 or

SECURITIES

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Form 5 obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * BAIN CAPITAL INVESTORS LLC 2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

Sensata Technologies Holding N.V.

(Check all applicable)

[ST]

(Last)

(First) (Middle) 3. Date of Earliest Transaction

_X__ 10% Owner Director

(Month/Day/Year)

02/12/2013

Officer (give title below)

__ Other (specify

JOHN HANCOCK TOWER, 200 **CLARENDON STREET**

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

Form filed by One Reporting Person _X_ Form filed by More than One Reporting

Person

BOSTON, MA 02116

(City)	(State)	(Zip) Tab	le I - Non-	Derivative Sec	curitie	s Acqu	ired, Disposed of	f, or Beneficia	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities 2 coor Disposed 6 (Instr. 3, 4 an	of (D)	red (A)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Ordinary Shares, par value EUR 0.01 per share	02/12/2013		<u>J(1)</u>	1,691,922	D	\$0	78,277,590	I	See Footnotes (1) (2) (3) (4) (5)
Ordinary Shares, par value EUR 0.01 per share	02/12/2013		J <u>(1)</u>	647,079	D	\$0	77,630,511	I	See Footnotes (1) (2) (3) (4) (5)

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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Titl	e and	8. Price of	- !
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration Da	ite	Amou	nt of	Derivative	
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	Ī
	Derivative				Securities			(Instr.	3 and 4)		
	Security				Acquired						1
					(A) or						1
					Disposed						
					of (D)						
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration	T:41	or		
						Exercisable Date	Date	Title	Number		
				C + V	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address		Relationships					
		10% Owner	Officer	Other			
BAIN CAPITAL INVESTORS LLC JOHN HANCOCK TOWER 200 CLARENDON STREET BOSTON, MA 02116		X					
Bain Capital Partners IX, L.P. JOHN HANCOCK TOWER 200 CLARENDON ST BOSTON, MA 02116		X					
BCIP Associates-G JOHN HANCOCK TOWER, 200 CLARENDON STREET BOSTON, MA 02116		X					
Sensata Investment Co S.C.A JOHN HANCOCK TOWER 200 CLARENDON ST. BOSTON, MA 02116		X					
Sensata Management Co S.C.A JOHN HANCOCK TOWER 200 CLARENDON ST. BOSTON, MA 02116		X					

Reporting Owners 2

Signatures

/s/ Paul 02/14/2013 Edgerley

**Signature of Date
Reporting Person

Co. (Continued in Footnote 3).

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

On February 12, 2013, Sensata Investment Company S.C.A. ("Sensata Investment Co.") distributed (i) 647,079 ordinary shares of Sensata Technologies Holding N.V. (the "Issuer") to certain Bain Capital Funds discussed below, (ii) 1,674,896 ordinary shares of the Issuer to Asia Opportunity Fund II, L.P. ("Asia Fund II") and (iii) 17,026 ordinary shares to AOF II Employee Co-invest Fund, L.P ("AOF II").

- (1) Following such distributions, Sensata Investment Co. held 77,630,511 ordinary shares of the Issuer. The recipient Bain Capital Funds further distributed the ordinary shares to one or more members or partners in connection with certain charitable gifts made by such much members or partners on February 12, 2013. Asia Fund II and AOF II, which are equity holders of Sensata Investment Co., did not further distribute the ordinary shares.
- Sensata Investment Co. is controlled by its manager, Sensata Management Company S.A. ("Sensata SA") through its board of directors. All of the outstanding capital stock of Sensata SA is owned by Bain Capital Fund VIII, L.P. ("Fund VIII") and Bain Capital Fund VIII-E, L.P. ("Fund VIII-E"), and in that capacity, these funds have the power to appoint the directors of Sensata SA. Because of the relationships described in footnotes (3) and (5) below, Bain Capital Investors, LLC ("BCI") may be deemed to control Fund VIII and Fund VIII-E and thus may be deemed to share voting and dispositive power with respect to the ordinary shares of the Issuer held by Sensata Investment
 - Approximately 80.6% of the ordinary shares of Sensata Investment Co. are owned by Fund VIII, Bain Capital VIII Coinvestment Fund, L.P. ("Coinvestment VIII"), Fund VIII-E, Bain Capital Fund IX, L.P. ("Fund IX"), Bain Capital IX Coinvestment Fund, L.P. ("Coinvestment IX"), BCIP Associates III ("BCIP III"), BCIP Trust Associates III ("BCIP Trust III"), BCIP Associates III-B ("BCIP III")
- (3) III-B"), BCIP Trust Associates III-B ("BCIP Trust III-B") and BCIP Associates-G ("BCIP-G" and together with Fund VIII, Coinvestment VIII, Fund VIII-E, Fund IX, Coinvestment IX, BCIP III, BCIP Trust III, BCIP III-B and BCIP Trust III-B, the "Bain Capital Funds"). Each Bain Capital Fund disclaims beneficial ownership of the shares owned by Sensata Investment Co. except to the extent of its pecuniary interest therein.
- In connection with the distribution to the Bain Capital Funds discussed in proviso (i) of the first sentence in Footnote 1, certain Bain Capital Funds received ordinary shares of the Issuer. Each Bain Capital Fund then further distributed all of the ordinary shares of the Issuer it received from Sensata Investment Co. to one or more members or partners in connection with charitable gifts made by such members or partners on February 12, 2013.
 - BCI is the managing general partner of BCIP III, BCIP Trust III, BCIP III-B, BCIP Trust III-B and BCIP-G. BCI is also the general partner of Bain Capital Partners IX, L.P., which is the general partner of Fund IX and Coinvestment IX. BCI is also the general partner of Bain Capital Partners VIII, L.P. which is the general partner of Fund VIII and Coinvestment VIII. BCI is also the general partner of Bain
- (5) Capital Partners VIII-E, L.P., which is the general partner of Fund VIII-E. By virtue of these relationships with BCI, BCI may be deemed to share voting and dispositive power with respect to the ordinary shares of the Issuer that may be deemed to be beneficially owned by the Bain Capital Funds. BCI and each of the Bain Capital Funds disclaims beneficial ownership of the shares owned by Sensata Investment Co. except to the extent of their pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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