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(71) Applicants:
• **Beuker, Jan Gerrit, Sr.**
9311 PT Nieuw-Roden (NL)

• **Beuker, Jan Gerrit, Jr.**
9311 RE Nieuw-Roden (NL)
• **Beuker, Hendrik Auke**
9311 PR Nieuw-Roden (NL)

(72) Inventor: **Beuker, Hendrik Auke**
9311 PR Nieuw-Roden (NL)

(74) Representative:
Ottevangers, Sietse Ulbe et al
Vereenigde Octrooibureaux
Nieuwe Parklaan 97
2587 BN 's-Gravenhage (NL)

(54) **Pole cap, pole, and verge arrangement for preventing plant growth at the foot of a pole**

(57) A pole cap for substantially sealingly covering an area adjacent the foot of a pole (2; 42) to prevent plant growth in that area. As the pole cap is provided with anchoring means (16; 26; 44; 54; 55; 74; 94) for mounting at least a portion of the pole cap on the ground, a reliable positioning of the pole cap is obtained without this pole cap having to be of heavy construction. This prevents the cap from being lifted by growth, such as tree roots and the like, during mowing by the mowing

machine or by other causes. In that case, if the pole cap is possibly mown over with a substantial overlap, no damage is caused thereby. Further, due to the anchoring, the shape of the pole cap is stabilized and the pole cap provides, through its anchoring, support to the pole. There are further described a pole (2; 12; 22; 42) and a verge arrangement in which such pole cap is used.

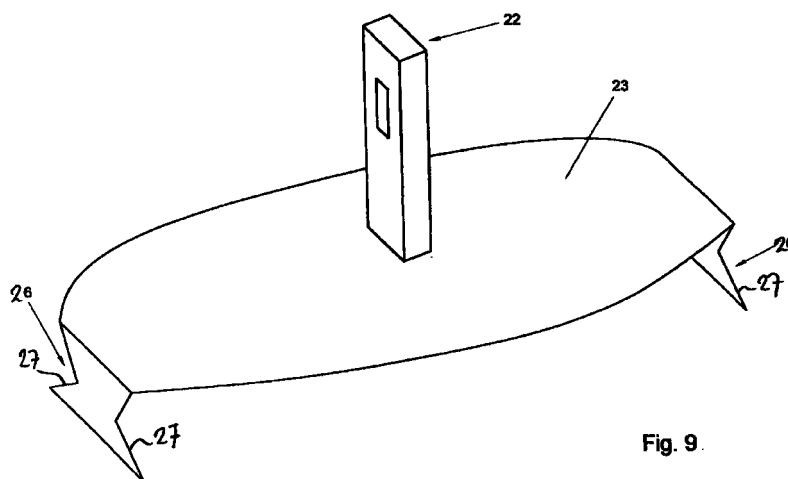


Fig. 9

EP 0 918 108 A3



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Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	US 4 649 678 A (LAMSON FREDERICK W) 17 March 1987 (1987-03-17) * column 2, line 40 - column 3, line 66; figures *	1-6,17, 19	E01F9/011
X	DE 21 17 568 A (G. GUBELA) 19 October 1972 (1972-10-19) * the whole document *	1-5,10, 17,19	
X	DE 77 21 037 U (H. KESSLER) * the whole document *	1,2,4,5, 7-11,13, 17,19,20	
X	DE 85 24 142 U (A. STEWING) 10 October 1985 (1985-10-10) * page 5, paragraph 5 - paragraph 6; figures *	1,2,4,5, 17-19	
X	DE 94 01 712 U (K. KRINNER) 24 March 1994 (1994-03-24) * page 12, line 28 - page 13, line 33; figures 4,5 *	1,2	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
X	DE 74 23 533 U (MASCHINENFABRIK BERMATINGEN) 31 October 1974 (1974-10-31) * page 2, paragraph 5 - page 3, paragraph 2 *	1,2,4,5, 7,10-20 3	E01F
A	* page 4, paragraph 5 - page 5, paragraph 2; figures *		
A	NL 8 902 317 A (J. SLOT) 2 April 1990 (1990-04-02) * page 4, line 33 - page 5, line 13; figures *	1,2,7, 10,13, 17,19	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13 October 1999	Examiner Verveer, D
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

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Application Number
EP 98 20 3920

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	LU 86 316 A (KNAUS RAYMOND) 11 June 1986 (1986-06-11) * the whole document *	1,4,5,7, 17,19	
A	DE 92 13 251 U (GEFINEX) 10 December 1992 (1992-12-10) * the whole document *	1,4-6	
A	US 4 648 203 A (WORZEK MICHAEL) 10 March 1987 (1987-03-10)		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
Place of search THE HAGUE		Date of completion of the search 13 October 1999	Examiner Verveer, D
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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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13-10-1999

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4649678 A	17-03-1987	EP 0304418 A WO 8807117 A	01-03-1989 22-09-1988
DE 2117568 A	19-10-1972	NONE	
DE 7721037 U		NONE	
DE 8524142 U	10-10-1985	NONE	
DE 9401712 U	24-03-1994	NONE	
DE 7423533 U	31-10-1974	NONE	
NL 8902317 A	02-04-1990	NONE	
LU 86316 A	11-06-1986	NONE	
DE 9213251 U	10-12-1992	NONE	
US 4648203 A	10-03-1987	NONE	