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(54) A safety post and the method for its construction

(57) The invention presents a safety post, such as a reflector, traffic sign, lamp, traffic light or signal post or pole to be used at a roadside in the vicinity of traffic, and a method for constructing the post in question. The post consists of a tube (1) with a hollow interior (2), propped up in the ground, the tube (1) being a substantially thin-walled shell structure, the bending resistance of which is adjusted so that the tube bends, yields and/or breaks even with minimal lateral force, the bending resistance of the safety post is then improved by adding granular filling material (3) inside the hollow interior of the tube, and thus the safety post is adjusted to withstand loads submitted to it in its normal use, while in a collision it bends, yields and/or breaks without causing damage to the colliding vehicle.

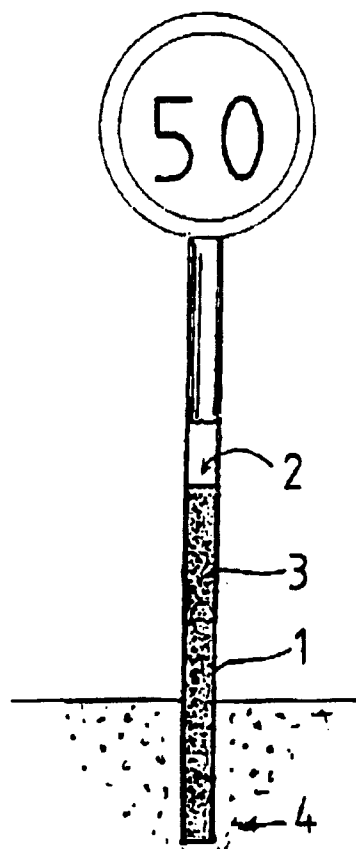


Fig 1

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EUROPEAN SEARCH REPORT

Application Number
EP 96 66 0003

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)
D,X Y	US-A-4 078 867 (C.P. RONDEN) * column 3, line 15 - line 23 * * column 3, line 64 - column 4, line 6; figures 1,5 * ---	1-6,10 7,9	E01F9/018 E01F9/017
X	CH-A-552 102 (G. EBINGER) * column 1, line 60 - column 2, line 50; figure 1 * ---	1-6,8,10	
Y	US-A-4 435 930 (O.W. PLYM) * column 1, line 64 - column 2, line 20; figure 1 * ---	7,9	
A	BE-A-659 506 (G. FISCHER AG.) * page 3, line 10 - page 4, line 8; figure 1 * -----	1,4-6,9, 10	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			E01F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 3 October 1996	Examiner Verveer, D
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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