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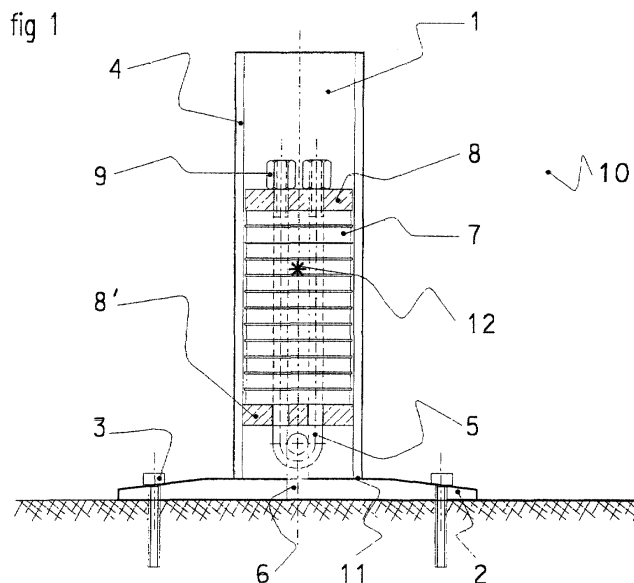
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(54) **Impact-resistant and energy-absorbing safety post**

(57) A safety post (10) is described to safeguard objects from impact by moving objects, the post having a double tilting action comprising a first elastic impact-absorbing tilting action to reduce damage to both post and object, followed by a second rigid action to arrest the moving object. An anchor plate (2) for anchoring the post to a foundation surface is provided, the anchor plate (2) having two major surfaces, the first major surface being provided for being placed in contact with the

foundation surface at which time the second major surface is remote from the foundation surface.

The post includes a tiltable rigid housing (4) which extends from a position abutting or adjacent to the second major surface of the anchor plate as well as an energy absorbing mechanism located entirely within the outer envelope of the housing (4), the energy absorbing mechanism comprising one or more resilient elements which are deformed when the post is tilted by the impact of the moving object.





European Patent Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 20 0494

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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		21 May 2002	Kriekoukis, S
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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ANNEX TO THE EUROPEAN SEARCH REPORT
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