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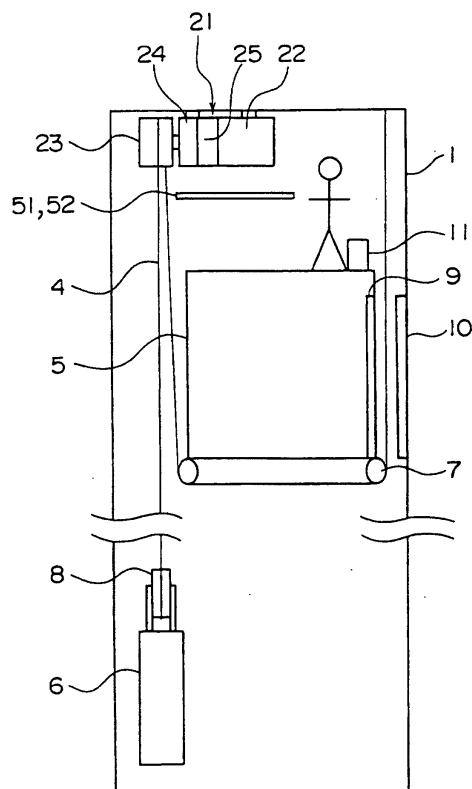
(54) **Safety device for working on top of an elevator car**

(57) A safety device for working on top of an elevator car, employed in an elevator in which a driving machine (21) for raising and lowering a car (5) is disposed at an upper portion of a hoistway (1) and a portion of the driving machine (21) is disposed in an area where the car (5) is projected in its raising and lowering direction, comprises:

a light projecting device (51) provided on a side wall of the hoistway (1) for horizontally projecting a plurality of light beams (53) below the driving machine (21);

a light receiving device (52) provided on a side wall of the hoistway (1) opposite to said light projecting device (51) for receiving the light beams (53) projected from said light projecting device (51); and
a stop circuit (40) for stopping the raising of the car (5) when at least one of the light beams (53) is intercepted.

FIG. 8





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 04 00 6916

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Place of search Munich		Date of completion of the search 13 September 2004	Examiner Eckenschwiller, A		
<table border="0"> <tr> <td> 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 </td> <td> 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 </td> </tr> </table>				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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