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(54) **Optically keyed dispenser**

(57) A dispensing system (10) comprising:
an activation unit (48), and a reservoir assembly (12) including a reservoir containing material to be dispensed, the reservoir assembly (12) removably coupled to the activation unit (48) for replacement by a similar reservoir assembly (12),
an electromagnetic radiation waveguide (64; 184; 200) having an inlet and an outlet and providing a path (64; 264) for transmission of electromagnetic radiation from the inlet to the outlet, the waveguide comprising a frangible portion
the electromagnetic radiation sensor (56; 72; 256; 356) carried by the activation unit (48) sensing electromagnetic radiation from the waveguide (64; 184; 200) via an outlet,
at least part of the waveguide (64; 184; 200) carried by the reservoir assembly and removable therewith, and
a control mechanism to permit operation of the dispenser system (10) only when the electromagnetic radiation sensed by the sensor appropriately correlates to a pre-selected electromagnetic radiation profile, wherein removal of the reservoir assembly (12) from the activation unit (48) breaks the frangible portion.

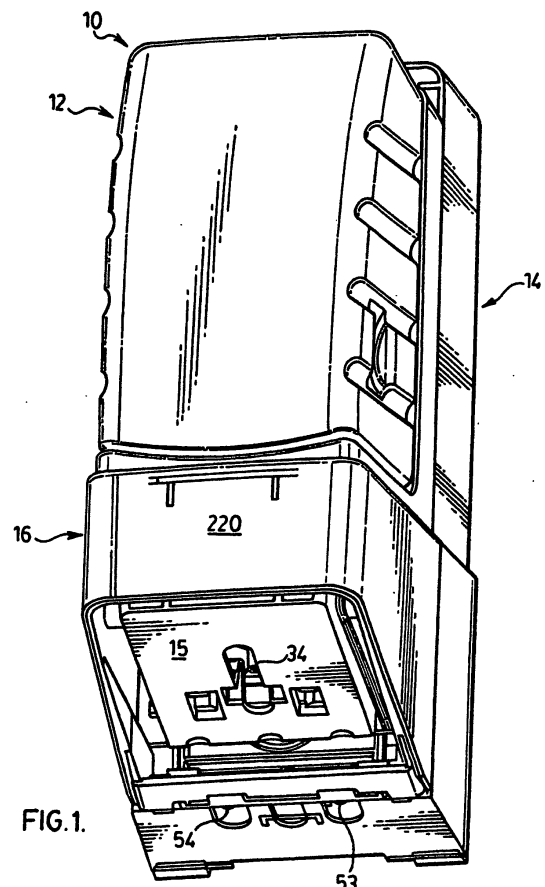


FIG. 1.



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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 20 September 2017	Examiner Geisenhofer, Michael
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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