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(54) Energy absorbing lift bracket

(57) A lift bracket (300) includes a topmost portion (304) having an opening (302) arranged for engagement with an engagement portion of a lifting apparatus. The topmost portion (304) is substantially flat and defines a first plane (A-A). A base portion (320) of the lift bracket (300) has at least one fastener opening (322) for fastening the base portion to the engine. The base portion (320) also lies in the first plane (A-A). A yield structure (305) is

disposed between the topmost portion (304) and the base portion (320), and includes a mid-portion (312) that defines at least one second plane (B-B) that is spaced and parallel to the first plane (A-A). When a tensile force is applied to the topmost portion (304), the yielding structure (305) yields, the topmost portion displaces away from the base portion (320), and the second plane (B-B) displaces towards the first plane (A-A).

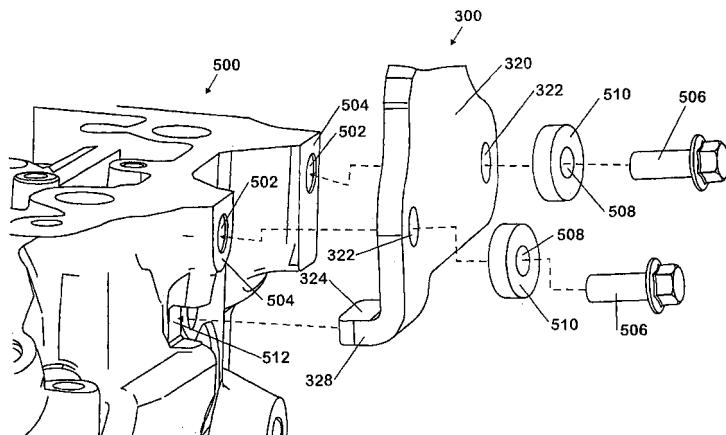


FIG. 5



EUROPEAN SEARCH REPORT

Application Number
EP 08 01 6999

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			F02F B66C F02B
2 The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		4 February 2010	Verheul, Omiros
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			

**ANNEX TO THE EUROPEAN SEARCH REPORT
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