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(71) Applicant: **TAKATA CORPORATION**
Minato-ku,
Tokyo 106-8510 (JP)

(72) Inventors:
- **Shimazaki, Sadayuki**
  Minato-ku
  Tokyo 106-8510 (JP)
- **Tabayashi, Itsuo**
  Minato-ku
  Tokyo 106-8510 (JP)

(74) Representative: **Banzer, Hans-Jörg et al**
Kraus & Weisert
Patent- und Rechtsanwälte
Thomas-Wimmer-Ring 15
80539 München (DE)

(54) Webding for occupant restraint belt, seat belt, and seat belt apparatus

(57) In order to provide a technology which is effective both for applying stiffness and for reducing the weight of an occupant restraint belt to be installed in a vehicle, in a seat belt apparatus which is installed in a vehicle, webbing composing a seat belt which is a long belt for restraining a vehicle occupant is woven in such a manner that warp yarns and weft yarns made of synthetic filaments extend perpendicular to each other. At least either of the warp yarns and the weft yarns are made of synthetic filaments having thermal adhesiveness which are made by bundling a plurality of filament bodies each of which comprises a first filament and a second filament which is attached to the outer surface of the first filament and has melting point lower than that of the first filament. The second filaments are melted when heated under a condition of a temperature of 150 °C or more and a process time of 180 seconds or more so that the filament bodies are welded. The webbing has weight of 60 g/m or less, tensile strength of 25 kN or more, and retention rate after hexagonal bar abrasion of 70% or more.

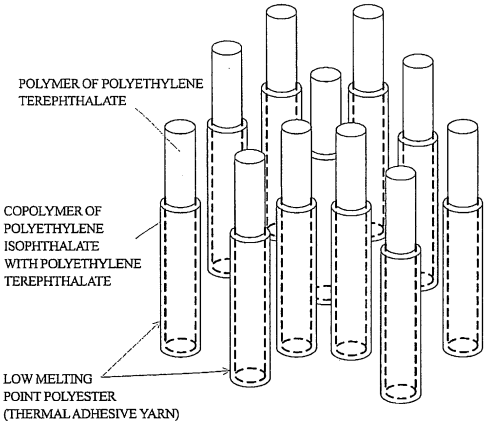

FIG. 3

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EUROPEAN SEARCH REPORT

Application Number
EP 06 02 4148

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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	24 March 2009	Pussemier, Bart

CATEGORY OF CITED DOCUMENTS

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