

पेटेंट कार्यालय  
शासकीय जर्नल

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(71)Name of Applicant :

**1)K. R. Mangalam University**

Address of Applicant :School of Architecture and Design, Sohna Road, Gurugram, Haryana -122103, India Gurugram -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

**1)Indrajeet Kumar**

Address of Applicant :Assistant Professor, School of Architecture and Design's Fashion Design, K.R. Mangalam University, Sohna Road, Gurugram, Haryana, India-122103 Gurugram -----

**2)Versha Verma**

Address of Applicant :Assistant Professor, School of Architecture and Design's Fashion Design, K.R. Mangalam University, Sohna Road, Gurugram, Haryana, India-122103 Gurugram -----

(57) Abstract :

This invention relates to the textile field and presents a machine washable waistcoat fabricated from a sustainable fabric comprising a blend of approximately 50% recycled wool, 30% Tencel staple yarns, and 20% recycled polyester. The fiber blend is processed via cleaning, blending, combing, carding, and spinning (using a traditional Charkha technique) to yield yarn, which is fashioned into fabric through a seamless knitting process. Integrated Kevlar reinforcement is strategically applied to high-stress zones, including seams, buttonholes, and cuffs, while modular components such as reversible panels, adjustable drawstrings, and expandable sections facilitate assembly. Finishing treatments, including an enzyme wash, anti-pilling treatment, and functional surface coating, impart an authentic Gaddi-inspired aesthetic and enhanced durability.

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