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(54) Title: **CROSSLINKED BINDER COMPOSITION**

(57) Abstract: The invention relates to a solid porous article having a crosslinked thermoplastic binder interconnecting one or more types of interactive powdery materials or fibers. The interconnectivity is such that the binder connects the powdery materials or fibers in discrete spots rather than as a complete coating, allowing the materials or fibers to be in direct contact with, and interact with a fluid. The resulting article is a formed multicomponent, interconnected web, with porosity. The separation article is useful in water purification, as well as in the separation of dissolved or suspended materials in both aqueous and non-aqueous systems in industrial uses, gas storage.



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