

Method of manufacturing a gas turbine flow mixer lobed structure having an annular upstream part extended in the downstream direction by a part that forms a multi-lobed skirt, the method involving: producing a fibrous preform (100) using refractory fibres of a shape corresponding to that of the lobed structure that is to be manufactured, from several constituent elements of fibrous texture which are joined together or shaped using tooling of a shape corresponding to that of the lobed structure that is to be manufactured in order to obtain an assembled fibrous preform with a first preform part (111) corresponding to the annular part of the lobed structure and a second preform part (112) corresponding to the multi-lobed skirt of the lobed structure, the constituent elements of the fibrous preform being assembled at least partially along connecting lines (121) which run substantially in the direction in which the flow travels in the region of the lobes of the multi-lobed skirt preform part; and densifying the shaped and assembled fibrous preform using a matrix at least partially made of ceramic.