

A method of assembling sectored elements of an annular stator of a high-pressure turbine of a turbomachine about a longitudinal axis of said turbine, in which method an angular distribution pattern is defined for distributing elements of the stator over a predetermined angular sector, said pattern being defined so as to prevent inter-sector zones of stator elements being in radial alignment, said zones being defined between two adjacent sectors of the same stator element, and so as to repeat said distribution pattern around the entire circumference of the stator. A stator of a high-pressure turbine of a turbomachine wherein the stator elements are distributed angularly about the longitudinal axis of the high-pressure turbine so as to prevent the inter-spacer zones defined between two adjacent spacers being in radial alignment with the duct inter-sector zones defined between two adjacent duct sectors.