

Abstract

PEENING THE TOPS OF COOLED BLADES

A method for peening the tops of cooled blades which include cooling air passage orifices (12). Peening is performed by means of the mobilization of a plurality of beads (31) in a sealed chamber (29) containing at least one blade tip (1). Said plurality of beads is mobilized by the active surface (27) of a sonotrode (28) which delimits part of said chamber (29). Said beads (31) have a diameter greater than that of said cooling air passage orifices (12).

Figure 3