

(54) Title: SURFACE STRUCTURE ON A GROUND SURFACE FOR ACCELERATING DECAY OF WAKE TURBULENCE IN THE SHORT FINAL OF AN APPROACH TO A RUNWAY

(57) Abstract: The invention relates to a surface structure on a ground surface (106), located in the short final of an approach to a runway (101), with an associated start (104) of the runway (101) and a runway longitudinal axis (102). In order to attain accelerated decay of wake turbulence produced by an approaching aircraft, the surface structure has according to the invention a multiplicity of separate elevations (105) with an elevation height (h) ranging from 0.25 - 10 m, in particular from 1 - 5 m, wherein the individual elevations (105) have a spacing (a) between them, ranging from 1 - 600 m, 1 - 400 m, 1 - 200 m, 1 - 100 m, 1 - 50 m, 1 - 25 m, 1 - 15 m, 1 - 10 m, or in particular 2 - 8 m.