

“A thrust producing unit with at least two rotor assemblies and a shrouding”

ABSTRACT

5 The invention is related to a thrust producing unit 3d for producing thrust in a predetermined direction, comprising at least two rotor assemblies 7d, 8d and a shrouding 6d that accommodates at most one of the at least two rotor assemblies 7d, 8d, wherein the shrouding 6d defines a cylindrical air duct 20 that is axially delimited by an air inlet region 20e and an air outlet region 20f,
10 and wherein the air inlet region 20e exhibits in circumferential direction of the cylindrical air duct 20 an undulated geometry.

Abstract figure: Figure 5