

Title (en)
TURBINE RING FOR A TURBOMACHINE

Title (de)
TURBINENRING FÜR EINE TURBOMASCHINE

Title (fr)
ANNEAU DE TURBINE POUR TURBOMACHINE

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Application
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Abstract (en)
[origin: WO2014140493A1] A turbine ring for a turbomachine, in particular for a helicopter, of which the vibratory behaviour is reduced. According to the invention, this turbine ring comprises an essentially cylindrical support (31), and one or a plurality of sectors (32) forming a crown configured to provide an air flow section, each sector (32) being fixed to the support (31) by an anchoring device (33a, 33b), in which the anchoring device (33a) comprises an anchoring part (35) belonging to the support (31) and protruding towards the sector (32), and an anchoring part (34) belonging to the sector (32) and protruding towards the support (31), the anchoring parts of the support (34) and of the sector (35) being configured to engage in order to fasten the sector (32) to the support (31), the ring further comprising a damping device (50) provided within the anchoring device (33a) and radially constrained between a portion of the sector (34e) and a portion of the support (31i) so as to dampen the relative movements of the sector (32) in relation to the support (31).

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