

Title (en)  
AERO-PROPULSION SYSTEM WITH IMPROVED PROPULSION EFFICIENCY

Title (de)  
FLUGZEUGANTRIEBSSYSTEM MIT VERBESSERTER ANTRIEBSEFFIZIENZ

Title (fr)  
SYSTÈME PROPULSIF AÉRONAUTIQUE À RENDEMENT PROPULSIF AMÉLIORÉ

Publication  
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Application  
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Abstract (en)  
[origin: WO2021116621A1] The present invention relates to an aero-propulsion system (1) comprising: - a drive shaft (10), - a low-pressure compressor (4), - a fan shaft (13) driving a fan (2), - a reduction mechanism (12) coupling the drive shaft (10) and the fan shaft (13), and - an inlet channel (3) which extends between the fan (2) and the low-pressure compressor (4), the inlet (18) having a predetermined mean radius (R3), a ratio between a mean radius (R3) of the inlet channel (3) and the mean radius (R2) of the low-pressure compressor (4), on the one hand, and the reduction ratio of the reduction mechanism (12), on the other hand, being strictly less than 0.35.

IPC 8 full level  
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Citation (search report)  
See references of WO 2021116621A1

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DOCDB simple family (publication)  
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