

Title (en)
ARTICULATING SLIDER TRACK

Title (de)
GELENKGLEITSCHIENE

Title (fr)
GLISSIÈRE À ARTICULATION

Publication
EP 2536941 A2 20121226 (EN)

Application
EP 11751969 A 20110211

Priority
• US 30474110 P 20100215
• US 2011024517 W 20110211

Abstract (en)
[origin: WO2011142866A2] A variable fan nozzle assembly includes a cowl member mounted on a slider track. The slider track may be articulated relative to a support member to slightly modify the position of the cowl member to vary the fan nozzle exit area. At least one 4-bar linkage may be utilized to allow articulation of the slider track responsive to an actuator. A method for varying a fan nozzle exit area includes mounting a first slider track in articulatable relationship with a support member; mounting a first cowl member in slidable relationship with a first slider track such that a fan nozzle is at least partially defined by a surface of the first cowl member; varying the operational position of the first cowl member by articulating the first slider track without sliding the first cowl member with respect to the first slider track to vary the fan nozzle exit area.

IPC 8 full level
F02K 1/08 (2006.01); **F02K 1/09** (2006.01); **F02K 1/10** (2006.01); **F02K 1/66** (2006.01); **F02K 1/80** (2006.01)

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Citation (search report)
See references of WO 2011142866A2

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