

Title (en)
THRUST REVERSER DEVICE

Title (de)
SCHUBUMKEHRVORRICHTUNG

Title (fr)
DISPOSITIF D'INVERSION DE POUSSÉE

Publication
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Application
EP 12744048 A 20120705

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Abstract (en)
[origin: WO2013021110A1] The invention relates to a thrust reverser device (100) for a nacelle, including at least: a translatable thrust reverser cowl (30) capable of alternately passing from a closed position, in which the cowl ensures the aerodynamic continuity of the nacelle and covers a flow-diverting means (40, 80), to an open position, in which the cowl opens a passage in the nacelle and uncovers the flow-diverting means (40, 80); a means (40) for diverting the flow through the passage, including a plurality of first cascades (40) distributed over the circumference of the cowl (30) and arranged such that at least a portion of the diverted flow passes through said cascades; and a rear frame (70) supporting a downstream end of at least one cascade (40), the thrust reverser device being characterized in that the rear frame (70) includes at least one extending structure (80) having second cascades (81) that redirect a portion of the diverted flow when the jet of the device is reversed, said structure (80) extending the first cascades (40).

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CPC (source: EP US)
F02K 1/566 (2013.01 - US); **F02K 1/72** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US)

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