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(54) Title (EN): RETRACTABLE LEADING EDGE WING SLATS HAVING AUTONOMOUSLY CURVABLE AIRFLOW SHIELD FOR NOISE-ABATEMENT

(54) Title (FR): BECS DE BORD D'ATTAQUE RÉTRACTABLES AYANT UN DISPOSITIF D'ARRÊT DE L'ÉCOULEMENT D'AIR POUVANT ÊTRE INCURVÉ DE MANIÈRE AUTONOME POUR RÉDUIRE LE BRUIT

(57) Abstract:

(EN): Noise-abatement for a leading edge wing slat is provided by a noise-abatement airflow shield integral with the lower trailing edge of the slat, wherein the shield is reciprocally autonomously curvable from a substantially planar configuration when the slat is in a retracted position thereof and into a convexly curved configuration when the slat is in a deployed position thereof.

(FR): La présente invention vise à réduire le bruit pour un bec de bord d'attaque au moyen d'un dispositif d'arrêt d'écoulement d'air à réduction de bruit intégré au bord de fuite inférieur du bec, le dispositif d'arrêt pouvant être incurvé dans un mouvement de va-et-vient de manière autonome, d'une configuration sensiblement plane lorsque le bec est dans sa position rétractée à une configuration incurvée de façon convexe lorsque le bec est dans sa position déployée.

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