

ABSTRACT

EXPANDABLE SOUNDPROOFING STRUCTURE FOR AIRCRAFTS

The present invention falls within the scope of soundproofing structures for aircrafts, typically existing in airports or any infrastructures for aircrafts. For testing and servicing of an aircraft, the latter must be placed under extreme conditions, which generate high noise in its vicinity. This invention is aimed at insulating the noise of aircrafts of any size, by expanding an existing expandable installation.

It is therefore the object of the present invention an expandable soundproofing structure for aircrafts, comprising at least one front barrier (1) and two side barriers (2), wherein each side barrier (2) extends in a given direction and is arranged in such a way towards one of the ends of the front barrier (1) that the angle formed between each side barrier (2) and the front barrier (1) is greater than 90° and the free ends (3) of each one of the side barriers (2) are suitable to be expanded.

[Figure 1]