

Title (en)  
Air diffuser

Title (de)  
Luftdiffusor

Title (fr)  
Diffuseur d'air

Publication  
**EP 2530397 A1 20121205 (EN)**

Application  
**EP 11382175 A 20110530**

Priority  
EP 11382175 A 20110530

Abstract (en)  
The invention relates to an air diffuser comprising a flat sheet (1), which comprises at least one deflecting fin (2) formed with respect to the flat sheet (1) itself; wherein said at least one deflecting fin (2) is inclined with respect to the larger surface of said flat sheet (1); and wherein a gap (3), defined between said at least one diffusing fin (2) and the larger surface of the flat sheet (1), defines a space for the passage of air through said gap (3); reducing the manufacturing and forming cost of said diffuser, in addition to requiring a reduced amount of raw material to be used, which directly results in an additional saving in the overall cost of the product to be obtained; and all this without negatively affecting the aerodynamic behavior of the air circulating through said diffuser object of the invention.

IPC 8 full level  
**F24F 13/06** (2006.01)

CPC (source: EP)  
**F24F 1/0047** (2019.01); **F24F 13/06** (2013.01); **F24F 2221/14** (2013.01)

Citation (search report)  
• [X] EP 1482252 A2 20041201 - LG ELECTRONICS INC [KR]  
• [X] JP 2001227772 A 20010824 - MITSUBISHI HEAVY IND LTD  
• [XI] DE 102008030111 A1 20091231 - PLUGGIT INTERNAT B V [NL]  
• [I] US 2009124188 A1 20090514 - LEVY HANS F [US], et al

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BA ME

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