

Title (en)

Integrated fan assembly for cooling an oven

Title (de)

Integrierte Lüfteranordnung zur Kühlung eines Ofens

Title (fr)

Ensemble ventilateur intégré pour le refroidissement d'un four

Publication

EP 1865263 A2 20071212 (EN)

Application

EP 07109249 A 20070530

Priority

IT MI20061067 A 20060531

Abstract (en)

An integrated fan assembly (1) for cooling an oven (60) has a tangential fan (3) having an axis (R) of rotation; a scroll casing (2) housing the fan and having an intake opening (16) and a delivery opening (17), both located along a peripheral edge (18) of the fan (3) and spaced angularly apart about the axis (R); and a delivery conduit (21) connected to the delivery opening (17) and projecting from the scroll casing (2); the scroll casing (2) is formed integrally in one piece with the delivery conduit (21) to form a one-piece body (25) of molded plastic material; and the scroll casing (2) has an auxiliary intake opening (19) connected to an intake flue (20).

IPC 8 full level

F24C 15/00 (2006.01); **F24C 15/20** (2006.01)

CPC (source: EP)

F04D 17/04 (2013.01); **F24C 15/006** (2013.01); **F24C 15/2007** (2013.01)

Cited by

EP2899467A3; EP1806540A3; ITTO20100712A1; EP3088805A1; WO2012025869A1

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