

Title (en)  
EXHAUST HOOD

Title (de)  
ABZUGSHAUBE

Title (fr)  
HOTTE

Publication  
**EP 2530388 A1 20121205 (EN)**

Application  
**EP 12004126 A 20120529**

Priority  
IT RN20110040 A 20110531

Abstract (en)  
Described is a hood for a domestic kitchen comprising: - a centrifugal fan (2) comprising a volute (21) and a wheel (22) positioned inside the volute (21), the wheel (22) having an axis (220) of rotation; the volute (21) comprising a first inlet opening (210) allowing entry of air inside the volute (21); the volute (21) comprising a first and a second side (211, 212) extending transversally to a direction identified by the axis (220) of rotation; the first side (211) circumscribing the first inlet opening (210); - an enclosure (3) housing at least a part of the volute (21) and the wheel (22). The enclosure (3) comprises a first and a second wall (51, 52) reciprocally convergent and connecting in a first zone (30) of reciprocal connection, the first and the second wall (51, 52) not being coplanar. At least a part of the first wall (51) of the volute (21) faces the first connection zone (30).

IPC 8 full level  
**F24C 15/20** (2006.01)

CPC (source: EP)  
**F24C 15/20** (2013.01)

Citation (search report)  
• [XY] CN 200972194 Y 20071107 - BOXIHUA ELECTRIC EQUIPMENT JIA [CN]  
• [Y] DE 20005154 U1 20000608 - BUERCHER FRIEDRICH [DE]  
• [A] WO 2008047826 A1 20080424 - MATSUSHITA ELECTRIC IND CO LTD [JP], et al  
• [A] CN 100495874 C 20090603 - ZHIYUAN ZHANG [CN]

Cited by  
CN105757744A; CN105444239A; CN110822505A; CN113864838A; CN114777181A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2530388 A1 20121205; EP 2530388 B1 20151014**; IT RN20110040 A1 20121201; PL 2530388 T3 20160331

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