

Title (en)
Dust extractor for planer thicknesser

Title (de)
Staubabzugsvorrichtung für Hobelmaschine/Dickenhobel

Title (fr)
Extracteur de poussières pour raboteuse

Publication
EP 2371501 A3 20130605 (EN)

Application
EP 11275047 A 20110325

Priority
GB 201005537 A 20100401

Abstract (en)
[origin: EP2371501A2] A planer and thicknesser comprising a frame (26) having a passage way (126) which extends through the frame (26) from one aperture (124) in a wall of the frame (26) to another aperture in a wall of the frame (26); an upper table (20, 28) having a front and rear sections mounted on the frame (26) with a slot (128) between them; a cutting drum (24) rotatably mounted within the frame (26) such that an upper lengthwise section of the periphery of the cutting drum (24) projects upwardly through the slot and a lower lengthwise section of the periphery of the cutting drum (24) projects downwardly into the passage way (126); a motor (100) which rotatably drives the cutting drum (24) when activated; a lower table (130), substantially parallel to the upper table (20, 28), mounted within the passageway, below the cutting drum (24); and a dust extractor capable of being connected below the upper table (20, 28) when the upper table (20, 28) is being used to support a work piece and capable of being connected above of the upper table (20, 28) when the lower table is being used to support a work piece, and which comprises a box (2), which forms a chamber (10), having an aperture (8) formed through a first side of the box (2) which faces the bottom of the cutting drum (24) when connected below the upper table (20, 28) and faces the top of the cutting drum (24) when connected above the top surface of the upper table (20, 28); characterised in that the dust extractor comprises two chutes (4, 6) which are connected to a second side of the box (2) and which project away from the box (2), each chute (4, 6) forming a passageway (12, 14) which connects to the chamber (10).

IPC 8 full level
B27C 1/14 (2006.01); **B23Q 11/00** (2006.01); **B27G 3/00** (2006.01)

CPC (source: EP)
B27C 1/14 (2013.01)

Citation (search report)
[AD] EP 1570964 A2 20050907 - BLACK & DECKER INC [US]

Cited by
CN113829439A; CN108908127A

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 2371501 A2 20111005; EP 2371501 A3 20130605; EP 2371501 B1 20140115; GB 201005537 D0 20100519

DOCDB simple family (application)
EP 11275047 A 20110325; GB 201005537 A 20100401