

Title (en)
Orbital sander

Title (de)
Schwingschleifer

Title (fr)
Ponceuse orbitale

Publication
EP 2404702 B1 20150527 (EN)

Application
EP 11169235 A 20110609

Priority
• JP 2010154911 A 20100707
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Abstract (en)
[origin: EP2404702A2] In an orbital sander, a main body (2) including a motor (3) is provided with a spindle (7) that is rotatable by driving the motor (3) and an eccentric shaft (7A) that is positioned eccentrically with respect to the center of rotation of the spindle (7) and that performs circular orbital motion along with rotation of the spindle (7), and a portion of the eccentric shaft (7A) that projects downward from the main body (2) is provided with a base (5) coupled via two bearings that are upper and lower bearings (18), (15) and a balancer (29) projecting to a side opposite the side of eccentricity of the eccentric shaft (7A). A center of gravity P of the base (5) is positioned between the two upper and lower bearings (18), (15).

IPC 8 full level
B24B 23/04 (2006.01); **B24B 41/04** (2006.01)

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B24B 23/04 (2013.01); **B24B 41/042** (2013.01)

Cited by
CN109290951A; EP3501753B1

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