

Title (en)
Vibration damping handle

Title (de)
Handgriff mit Vibrationsminderungseinrichtung

Title (fr)
Poignée amortissant les vibrations

Publication
EP 1800807 A1 20070627 (DE)

Application
EP 06126074 A 20061214

Priority
DE 102005000202 A 20051223

Abstract (en)
The handle (2) has an outer sleeve (10) to be gripped by a user. A support element extends partially within the sleeve along a longitudinal axis (A). A pivot attachment unit (6) partially rotates with the element for securing the handle on a hand-held power tool (4). The element comprises an outer profile with radial outer profile elevations at an axial height of the vibration-reduction device, where profile elevations are arranged at a level of radial inner profile elevations of an inner profile of the outer sleeve. The device is formed on a basis of cellular polyisocyanate polyadditions.

IPC 8 full level
B25F 5/00 (2006.01); **B25F 5/02** (2006.01)

CPC (source: EP US)
B25F 5/006 (2013.01 - EP US); **B25F 5/026** (2013.01 - EP US)

Citation (search report)
• [A] DE 4011124 A1 19911010 - METABOWERKE KG [DE]
• [A] EP 0995553 A2 20000426 - WILHELM KAECHLE GMBH [DE]

Cited by
GB2445256A; GB2445256B; US9370860B2; WO2009083330A1; WO2009019053A1; WO2009062812A1; WO2009074449A1; WO2009065681A3; WO2009083308A1; WO2009083341A1; WO2009089961A1; WO2009101061A1; WO2009101062A1; WO2013000724A1

Designated contracting state (EPC)
CH DE FR GB IT LI

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 06126074 A 20061214; DE 102005000202 A 20051223; DE 502006004294 T 20061214; JP 2006344415 A 20061221;
US 64458906 A 20061221