

Title (en)  
Apparatus for removing putty

Title (de)  
Vorrichtung zur Kittentfernung

Title (fr)  
Dispositif de démastiquage

Publication  
**EP 1408177 B1 20080709 (FR)**

Application  
**EP 03362019 A 20031009**

Priority  
FR 0212545 A 20021009

Abstract (en)  
[origin: EP1408177A1] The tool has a mastic removing tip (28) with a shaft (36) and a head (38) reciprocated by a pneumatic vibration motor (32) operating at a frequency of 120Hz and enclosed in a casing (30). The head, which has a bevelled end with a preferable angle of 30 deg, is made from a polymer material with an optional filler of carbon or glass fibres. The tool is stowed in a container with spaces for cables and a compressed air connector and regulator.

IPC 8 full level  
**E04F 21/32** (2006.01); **E04F 21/00** (2006.01)

CPC (source: EP US)  
**E04F 21/0084** (2013.01 - EP US); **E04F 21/32** (2013.01 - EP US); **Y10T 29/49718** (2015.01 - EP US); **Y10T 29/49719** (2015.01 - EP US); **Y10T 29/49721** (2015.01 - EP US); **Y10T 29/49726** (2015.01 - EP US); **Y10T 29/49734** (2015.01 - EP US); **Y10T 29/49821** (2015.01 - EP US); **Y10T 29/49822** (2015.01 - EP US)

Citation (examination)

- DE 892430 C 19531008 - CHICAGO PNEUMATIC TOOL CO
- WO 9748353 A1 19971224 - FERTON HOLDING [CH], et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1408177 A1 20040414**; **EP 1408177 B1 20080709**; AT E400713 T1 20080715; DE 60322006 D1 20080821; ES 2309289 T3 20081216; FR 2845630 A1 20040416; FR 2845630 B1 20050930; US 2004098819 A1 20040527; US 2009217501 A1 20090903; US 7793398 B2 20100914

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