

Title (en)
Device for marking by micro-percussion.

Title (de)
Mikroschlaggerät zur Markierung.

Title (fr)
Dispositif de marquage par micro-percussion.

Publication
EP 0511133 A1 19921028 (FR)

Application
EP 92420134 A 19920422

Priority
FR 9105350 A 19910423

Abstract (en)
This comprises a marking tool (3) comprising a tip (5) attached to a piston (9) which slides inside a cylinder (10). Cyclical control means (CC) alternately move a shutoff element (13) at a specific frequency into the closed or open position. In the open position, the tool (3) is pushed by a pressurised fluid acting on its piston (9) in such a way that its tip (5) strikes the object intended to be marked. With the shutoff element (13) in the closed position, the piston is brought back to its initial position at the top of the cylinder (10) by return means. <IMAGE>

IPC 1-7
B06B 1/18; B25D 9/14; B25D 9/26; B44B 5/00; F01B 11/00

IPC 8 full level
B25D 9/14 (2006.01); **B25D 9/26** (2006.01); **B44B 5/00** (2006.01)

CPC (source: EP)
B25D 9/14 (2013.01); **B25D 9/26** (2013.01); **B25H 7/04** (2013.01); **B44B 5/0066** (2013.01)

Citation (search report)
• [A] US 3032013 A 19620501 - VINCENT ROBERT R
• [A] WO 8101447 A1 19810528 - TOERNQVIST P [SE]
• [A] US 3524385 A 19700818 - OTTESTAD JACK B [US]
• [A] DE 3247577 A1 19840705 - SCHREINER HELMUT

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US8328097B2

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0511133 A1 19921028; EP 0511133 B1 19950104; DE 69201092 D1 19950216; DE 69201092 T2 19950511; ES 2066587 T3 19950301;
FR 2675743 A1 19921030; FR 2675743 B1 19930716

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