

Title (en)  
BUFFER SYSTEM IN IMPACT TOOLS

Publication  
**EP 0054782 B1 19850925 (DE)**

Application  
**EP 81110132 A 19811204**

Priority  
DE 3047662 A 19801218

Abstract (en)  
[origin: CA1157201A] TITLE OF THE INVENTION: BUFFER SYSTEM FOR FASTENER DRIVING DEVICES The present buffer system for a fastener driving device includes two cooperating buffer elements located at the bottom of the driving cylinder. A first buffer element of hard elastic material rests on the inwardly facing surface of the cylinder bottom in such a manner that at least a portion of the surface of the first buffer element contacting the bottom is movable relative to the bottom of the driving cylinder. A second buffer element made of an elastic material softer than the hard elastic material of the first buffer element, rests on the first buffer element.

IPC 1-7  
**B25C 1/04**

IPC 8 full level  
**B25D 17/24** (2006.01); **B25C 1/04** (2006.01); **B25C 7/00** (2006.01)

CPC (source: EP US)  
**B25C 1/047** (2013.01 - EP US)

Cited by  
US4515303A; GB2149712A; EP0661140A1; US4611742A

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

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**EP 0054782 A2 19820630; EP 0054782 A3 19830720; EP 0054782 B1 19850925**; AT E15777 T1 19851015; CA 1157201 A 19831122; DE 3047662 A1 19820722; DE 3047662 C2 19850221; JP H0211388 B2 19900314; JP S57121484 A 19820728; US 4441644 A 19840410

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