

Title (en)  
Open end ratchet wrench

Title (de)  
Ratschenschlüssel mit offenem Maul

Title (fr)  
Clef à cliquet du type ouverte

Publication  
**EP 0940225 A2 19990908 (EN)**

Application  
**EP 99301595 A 19990303**

Priority  
• US 3634998 A 19980306  
• US 11462898 A 19980713  
• US 25105099 A 19990218

Abstract (en)  
A wrench has a pair of jaws spaced to define an opening for a workpiece. A pair of plates, are mounted on the jaws for selective movement between first and second positions. In the first position, the plates are substantially immobile with respect to each other. In the second position, a first one of the plates is pivotable with respect to a second one of the plates. Thus, the wrench tightens (or loosens) the workpiece when rotated in the first direction, and slips over the workpiece in a "ratcheting" manner when rotated in the second, opposite direction. <IMAGE>

IPC 1-7  
**B25B 13/46**; **B25B 13/08**

IPC 8 full level  
**B25B 13/08** (2006.01); **B25B 13/46** (2006.01)

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