

Title (en)  
PERCUSSION HAMMER AND/OR DRILL HAMMER COMPRISING A SAFETY COUPLING

Title (de)  
SCHLAG- UND/ODER BOHRHAMMER MIT SICHERHEITSKUPPLUNG

Title (fr)  
MARTEAU DE PERCUSSION ET/OU DE PERFORATION A ACCOUPLEMENT DE SECURITE

Publication  
**EP 1765556 B1 20080702 (DE)**

Application  
**EP 05758900 A 20050713**

Priority  
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Abstract (en)  
[origin: WO2006008053A1] Disclosed is a safety coupling in a percussion hammer and/or drill hammer, comprising a basic sleeve (20), a driven toothed wheel (21) that is rotatably mounted on the basic sleeve (20) and can be driven by a drive unit, a closing ring (27) which is fastened to the basic sleeve (20), and a locking ring (28) located between the driven toothed wheel (21) and the closing ring (27). Said locking ring (28) is fixed in a torsion-proof manner relative to the closing ring (27) while being movable relative to the closing ring (27) in an axial direction, counter to the effect of a spring mechanism (29). The locking ring (28) is axially displaced while the driven toothed wheel (21) remains in the axial position thereof when a threshold torque is exceeded.

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