Title (en)

MULTI-BIT TOOL HAVING SPRING LOADED ACTUATION MECHANISMS AND A RIGID STRUCTURAL FRAME

Title (de)

WERKZEUG MIT MEHREREN BOHRSPITZEN UND FEDERGELADENEM BETÄTIGUNGSMECHANISMUS SOWIE STARREM RAHMEN

Title (fr)

OUTIL À MULTIPLES EMBOUTS AYANT DES MÉCANISMES D'ACTIONNEMENT À RESSORT ET UN CADRE STRUCTUREL RIGIDE

Publication

EP 2519386 B1 20170719 (EN)

Application

EP 09852688 A 20091229

Priority

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Abstract (en)

[origin: WO2011079368A1] A multi-bit tool comprises a housing having a bit chuck with a bit-receiving opening. A substantially rigid main frame member defines a plurality of longitudinal channels and is disposed within the housing such that each of the plurality of longitudinal channels is generally aligned along the longitudinal axis of the multi-bit tool. A plurality of spring loaded actuator mechanisms are mounted in rigidly retained relation within one channel of the frame member. Each spring loaded actuator mechanism has a carriage member movable between a rearward position and a forward position, and a trigger member movable between a rest position, a forward triggering position and a rearward triggering position. The carriage member is moved to its rearward position by movement of the trigger member to its rearward triggering position and the carriage member is moved to its forward position by movement of the trigger member to its forward triggering position. Bit assemblies having a tool bit arc operatively mounted within the housing for movement by the actuator mechanism between a retracted con figuration and a forwardly extended in-use configuration corresponding. Each bit assembly is operatively connected to the carriage member on a corresponding spring loaded mechanism for co-operative movement therewith.

IPC 8 full level

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