

Title (en)  
QUICK-ACTION COUPLING WITH TOOL DETECTION.

Title (de)  
SCHNELLKUPPLUNG MIT WERKZEUGERKENNUNG.

Title (fr)  
ACCOUPLLEMENT RAPIDE AVEC DÉTECTION D'OUTIL.

Publication  
**EP 2002063 B1 20100707 (DE)**

Application  
**EP 07710517 A 20070315**

Priority  
• AT 2007000127 W 20070315  
• AT 2262006 U 20060323

Abstract (en)  
[origin: US2009223096A1] A quick-action coupling for coupling a tool to a bracket of a construction machine includes complementary coupling elements arranged on each of the tool and on the end of the bracket. The coupling elements can be used to connect, for example, hydraulic lines to drive equipment attached to the tool. The tool includes an identification carrier for identifying the tool, and the bracket includes one or several detectors, which are connected with a controller of the hydraulics of the construction machine. Projections, pins or the like, which are arranged on the tool or on the coupling element in a grid pattern, engage with switches, sensors or the like mounted on the bracket and arranged in an identical grid pattern. The tool is identified through the pattern of the projections or pins on the tool or on the coupling element attached to the tool.

IPC 8 full level  
**E02F 3/36** (2006.01)

CPC (source: EP US)  
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