

Title (en)  
Clamping and spreading device

Title (de)  
Spann- und Spreizvorrichtung

Title (fr)  
Dispositif de serrage et d'écartement

Publication  
**EP 1574291 B1 20110601 (DE)**

Application  
**EP 05003716 A 20050222**

Priority  
DE 102004013066 A 20040312

Abstract (en)  
[origin: EP1574291A2] The tool is designed as a bar to be used as a sliding rail (12) with a combined stationary jaw and spreading element (20, 22, 24) located at its front end and a combined movable jaw and spreading element (34, 36, 38) to be slid along the rail (12) when a spring supported lever (90, 92) is operated. A mechanism comprising a movable positioning element (52) fitted with two control elements (70, 72) determines the use of the tool either in a spreading or a clamping mode.

IPC 8 full level  
**B25B 5/06** (2006.01); **B25B 1/00** (2006.01); **B25B 5/00** (2006.01)

CPC (source: EP US)  
**B25B 5/06** (2013.01 - EP US); **B25B 5/068** (2013.01 - EP US)

Cited by  
EP1642681A3; US9751193B2

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 1574291 A2 20050914; EP 1574291 A3 20081112; EP 1574291 B1 20110601**; CA 2497534 A1 20050912; DE 102004013066 A1 20050929; DE 102004013066 B4 20061123; US 2005200065 A1 20050915; US 7325797 B2 20080205

DOCDB simple family (application)  
**EP 05003716 A 20050222**; CA 2497534 A 20050217; DE 102004013066 A 20040312; US 6634405 A 20050224