

Title (en)  
Safety device for the connection of tools

Title (de)  
Sicherheitsvorrichtung für die Verbindung von Werkzeugen

Title (fr)  
Dispositif de sécurité pour la connexion d'outils.

Publication  
**EP 1627959 A3 20070523 (EN)**

Application  
**EP 05017356 A 20050810**

Priority  
IT BO20040531 A 20040820

Abstract (en)  
[origin: EP1627959A2] A safety device for the connection of tools is provided with a first member (2) and a second member (3) fit to be fixed to a support (101) and a tool (100) for their detachable connection (C). The device (1) comprises an arrest means (7) associated to one of the members (2, 3) and sliding, due to the effect of driving means (15), respect to its own member (2, 3), between two extreme conditions, internal (N) and external (E) in order to detachably engage in this latter external condition (E) at least a respective housing means (9) of the other member (3, 2) realizing the connection condition (C). The device (1) comprises feeler pin means (20), rotating connected to one of the members (2, 3) and driven in rotation from the approaching of the other member (3, 2) during the reaching of the connection condition (C), in order to match the driving means (15) causing the operation thereof in direction of the external extreme condition (E) of the arrest means (7).

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

CPC (source: EP)  
**E02F 3/3627** (2013.01); **E02F 3/365** (2013.01); **E02F 3/3672** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1627959 A2 20060222**; **EP 1627959 A3 20070523**; **EP 1627959 B1 20100505**; AT E467004 T1 20100515; DE 602005021029 D1 20100617; IT BO20040531 A1 20041120

DOCDB simple family (application)  
**EP 05017356 A 20050810**; AT 05017356 T 20050810; DE 602005021029 T 20050810; IT BO20040531 A 20040820