

Title (en)

Quick upper tool coupling and uncoupling device of a press brake

Title (de)

Schnelle Kupplungs- und Unkupplungs-Vorrichtung für das Oberwerkzeug einer Biegepresse

Title (fr)

Dispositif de couplage et découplage rapide pour un outil supérieur d'une presse plieuse

Publication

**EP 1762310 B1 20071114 (EN)**

Application

**EP 05425638 A 20050913**

Priority

EP 05425638 A 20050913

Abstract (en)

[origin: EP1762310A1] The rapid coupling and uncoupling device consists essentially of a plunger element 12 capable of being inserted into the clamp 4 or into the top beam/intermediary 1 of the press brake, or into the tool connection 2, having a cursor 14 with a terminal part of a tapered form pressed by a spring to engage within a groove 16 present in the tool connection or in the clamp or in the top beam/intermediary, respectively.

IPC 8 full level

**B21D 5/02** (2006.01)

CPC (source: EP)

**B21D 5/0209** (2013.01); **B21D 5/0236** (2013.01)

Cited by

CN109702070A; ITVR20100202A1; ITBO20090540A1; CN104138939A; ITMI20100110A1; CN104259260A; IT202200015465A1; WO2011092558A1; WO2012052942A1; US10883249B2; NL2009340C2; CN104507596A; JP2018134684A; US10144049B2; WO2014007640A1

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DOCDB simple family (publication)

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