

Title (en)
Locking device and pin

Title (de)
Verschlußvorrichtung und -keil

Title (fr)
Dispositif et clavette de verrouillage

Publication
EP 2011927 A3 20100331 (FR)

Application
EP 08290296 A 20080328

Priority
FR 0702358 A 20070330

Abstract (en)
[origin: FR2914378A1] The device has a single block locking pin (3) for locking a tooth (2) on an adapter (1). The tooth includes two passages, each having a cylindrical sector (4) to support the pin. The adaptor has housing (5) and a passage with a cylindrical contour (6) supporting the pin. The pin has a shrinkable curved conformation and an excrescence (3b) elastically cooperating with the housing. The tooth has a female cavity (2b) limited by a re-entering conformation (2c), and the adaptor has a nose-shaped male part (1b) bordered with wings (1c) to transmit the efforts from the tooth to the adaptor.

IPC 8 full level
E02F 9/28 (2006.01)

CPC (source: EP)
E02F 9/2841 (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 HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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