

Title (en)

Locking pin and locking device with such a pin.

Title (de)

Verschlußkeil und Verschlußvorrichtung mit solch einem Keil.

Title (fr)

Clavette de verrouillage et dispositif de verrouillage avec une telle clavette.

Publication

EP 2011927 B1 20120321 (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)

Cited by

CN108026716A; US10041230B2; US10060100B2; USD888785S; WO2010089423A1; USD905765S; USD925616S; USD966346S; USD995577S; USD832310S; USD840441S; USD857761S; US9624651B2; USD967201S; USD995576S

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