

Title (en)
METHOD AND APPARATUS FOR INSERTING PINS INTO A MANDREL

Publication
EP 0187068 B1 19890125 (FR)

Application
EP 85402310 A 19851126

Priority
FR 8418898 A 19841211

Abstract (en)
[origin: US4730387A] An apparatus making it possible to fit retaining pins on a mandrel. The retaining pin arrives in the form of a continuous wire which is cut to the desired length by a wheel before being fitted in the mandrel. The end of the uncut retaining pin adjacent to the wheel is maintained in a gripper formed by two jaws. Simultaneously with the fitting of the cut retaining pin, a hole is made in the mandrel to permit the subsequent fitting of a retaining pin.

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D04H 3/07

IPC 8 full level
B23P 21/00 (2006.01); **B24D 3/00** (2006.01); **D04H 3/073** (2012.01); **D04H 3/115** (2012.01)

CPC (source: EP US)
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Cited by
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FR 2574386 A1 19860613; **FR 2574386 B1 19861226**; CA 1277823 C 19901218; DE 3567917 D1 19890302; EP 0187068 A1 19860709; EP 0187068 B1 19890125; JP S61142016 A 19860628; US 4730387 A 19880315

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FR 8418898 A 19841211; CA 496349 A 19851127; DE 3567917 T 19851126; EP 85402310 A 19851126; JP 27777885 A 19851210; US 7340287 A 19870714