

Title (en)
METHOD OF MANUFACTURING LATCH PLATE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER RIEGELPLATTE

Title (fr)
PROCEDE DE FABRICATION D'UNE PLAQUE DE VERROU

Publication
EP 1038609 A1 20000927 (EN)

Application
EP 99940509 A 19990826

Priority
• JP 9904623 W 19990826
• JP 26363798 A 19980917

Abstract (en)
A process of making a ring-shaped metal latch plate 10 having an internal ratchet teeth 20 arranged around an inner periphery thereof with the use of a punch 30 provided with a toothed forging edge 31 for shaping the internal ratchet teeth and a pilot 32 formed axially forwardly of the toothed edge. Firstly with this process, a metal plate 11 is formed to have a prepared hole 12. Then, the punch 30 is placed to register the pilot 32 with the prepared hole 12 for engaging the said toothed forging edge 31 with a peripheral portion 13 of the prepared hole 12. Thereafter, the toothed forging edge 31 is driven to extrude the peripheral portion 13 by cold-forging in order to shape the internal ratchet teeth 20 around the prepared hole.
<IMAGE>

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B21K 1/30; B21J 5/06

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Citation (search report)
See references of WO 0016930A1

Cited by
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