

Title (en)
SCREW DRIVING-IN PROCESS

Title (de)
VERFAHREN ZUM SETZEN EINER SCHRAUBE

Title (fr)
PROCEDE POUR ENFONCER DES VIS

Publication
EP 0799113 A1 19971008 (DE)

Application
EP 95942173 A 19951218

Priority
• DE 4445812 A 19941221
• EP 9504993 W 19951218

Abstract (en)
[origin: WO9619320A1] In a process for driving in a self-boring, self-piercing, thread-shaping or thread-cutting screw (1), an axial percussion effect (6) is added to the rotary drive (7) during the hole boring step. During the thread-shaping step, the axial percussion effect is stopped and only the rotary drive remains.

IPC 1-7
B25B 21/02

IPC 8 full level
F16B 21/02 (2006.01); **B25B 21/02** (2006.01)

CPC (source: EP)
B25B 21/023 (2013.01)

Citation (search report)
See references of WO 9619320A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
WO 9619320 A1 19960627; AT E175612 T1 19990115; AU 4345696 A 19960710; AU 706778 B2 19990624; CA 2208700 A1 19960627; CN 1046452 C 19991117; CN 1170377 A 19980114; CZ 177797 A3 19971217; DE 4445812 A1 19960627; DE 4445812 C2 19961128; DE 59504846 D1 19990225; DK 0799113 T3 19990906; EP 0799113 A1 19971008; EP 0799113 B1 19990113; ES 2129890 T3 19990616; FI 114974 B 20050215; FI 972606 A0 19970618; FI 972606 A 19970618; GR 3029398 T3 19990528; JP H10500364 A 19980113; PL 177827 B1 20000131; PL 320855 A1 19971110; RU 2153605 C2 20000727

DOCDB simple family (application)
EP 9504993 W 19951218; AT 95942173 T 19951218; AU 4345696 A 19951218; CA 2208700 A 19951218; CN 95196909 A 19951218; CZ 177797 A 19951218; DE 4445812 A 19941221; DE 59504846 T 19951218; DK 95942173 T 19951218; EP 95942173 A 19951218; ES 95942173 T 19951218; FI 972606 A 19970618; GR 990400482 T 19990212; JP 51949496 A 19951218; PL 32085595 A 19951218; RU 97112383 A 19951218