

Title (en)
EXCAVATOR SHOVEL

Title (de)
SCHAUFFELBAGGER.

Title (fr)
PELLE EXCAVATRICE

Publication
EP 1012408 A1 20000628 (EN)

Application
EP 97935913 A 19970813

Priority
• NO 9700205 W 19970813
• NO 963375 A 19960813

Abstract (en)
[origin: WO9806908A1] An excavator shovel device, comprising a vibrator element (4) provided with a vibrating face (3) on one of the faces of the excavator shovel (1) capable of being turned towards the ground. The vibrator element (4) may be recessed into the excavator shovel (1) and the vibrating face (3) may project somewhat beyond the face of the excavator shovel (1). The vibrator element (4) may comprise an excentric operated by a hydraulic motor.

IPC 1-7
E02F 3/40

IPC 8 full level
E02F 3/40 (2006.01)

CPC (source: EP)
E02F 3/405 (2013.01)

Citation (search report)
See references of WO 9806908A1

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

DOCDB simple family (publication)
WO 9806908 A1 19980219; AU 3871097 A 19980306; EP 1012408 A1 20000628; NO 303137 B1 19980602; NO 963375 D0 19960813; NO 963375 L 19980216; SE 9702955 D0 19970813

DOCDB simple family (application)
NO 9700205 W 19970813; AU 3871097 A 19970813; EP 97935913 A 19970813; NO 963375 A 19960813; SE 9702955 A 19970813