

Title (en)  
A STEEL PILE, ADAPTED TO BE DRIVEN INTO THE GROUND

Title (de)  
ZUM EINBRINGEN IM BODEN ANGEPASSTER STAHLPFAHL

Title (fr)  
PIEU EN ACIER ADAPTE A ETRE ENFONCE DANS LE SOL

Publication  
**EP 1012405 A1 20000628 (EN)**

Application  
**EP 97944206 A 19971009**

Priority  
• NL 9700560 W 19971009  
• NL 1004237 A 19961010

Abstract (en)  
[origin: WO9815692A1] A steel pile, adapted to be driven e.g. by vibration, into the ground. A fluid collecting and distributing passage (3) extends along and below at least part of the lower edge(s) of the body of the pile. The passage is supplied with fluid through a supply conduit (5) extending upwardly along the body of the pile. When driving the pile into the ground fluid is discharged from the passage through downwardly facing openings, such that the soil directly below the lower edge(s) is brought and kept in a fluidized state.

IPC 1-7  
**E02D 7/24**; **E02D 7/26**; **E02D 23/08**; **E02D 17/08**

IPC 8 full level  
**E02D 7/24** (2006.01); **E02D 11/00** (2006.01)

CPC (source: EP)  
**E02D 7/24** (2013.01); **E02D 11/00** (2013.01)

Cited by  
CN103628482A

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 9815692 A1 19980416**; AT E234393 T1 20030315; DE 69719820 D1 20030417; DE 69719820 T2 20031218; DK 1012405 T3 20030707; EP 1012405 A1 20000628; EP 1012405 B1 20030312; ES 2197368 T3 20040101; NL 1004237 C2 19980414; PT 1012405 E 20030731

DOCDB simple family (application)  
**NL 9700560 W 19971009**; AT 97944206 T 19971009; DE 69719820 T 19971009; DK 97944206 T 19971009; EP 97944206 A 19971009; ES 97944206 T 19971009; NL 1004237 A 19961010; PT 97944206 T 19971009