

Title (en)
Piling hammer

Title (de)
Pfahlramme

Title (fr)
Marteau de battage de pieux

Publication
EP 1085130 A2 20010321 (EN)

Application
EP 00307356 A 20000825

Priority
GB 9921755 A 19990916

Abstract (en)
A piling hammer 10 has an anvil member 12 which, in use, is placed against a pile 14. A weight 16 is reciprocated to impact repeatedly on the anvil 12, to create piling forces. Various arrangements are made to reduce the noise created by the hammer. First, impacts between the weight 16 and anvil 12 take place within a chamber 20, which is substantially wholly enclosed. Cushioning is provided, e.g. at 68. The chamber 20 is formed to minimise vibration at an audible frequency, such as by providing thick walls. The mass of the anvil 12 is preferably at least one eighth of the mass of the weight 16. <IMAGE>

IPC 1-7
E02D 13/10

IPC 8 full level
E02D 7/10 (2006.01); **E02D 13/10** (2006.01)

CPC (source: EP)
E02D 7/10 (2013.01); **E02D 13/10** (2013.01)

Cited by
CN109024588A; WO2010046006A1; JP2012506506A

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