

Title (en)

PILE

Publication

EP 0080237 A3 19850522 (EN)

Application

EP 82201461 A 19821117

Priority

NL 8105299 A 19811123

Abstract (en)

[origin: EP0080237A2] A pile (10) to be put into the ground having at one end a peak (11). The pile has a profile with a recessed part and a barbed surface substantially extends across the recessed part.

IPC 1-7

E04H 12/00; **E01F 9/01**; **E02D 5/54**

IPC 8 full level

E01F 9/011 (2006.01); **E04H 12/22** (2006.01)

CPC (source: EP)

E01F 9/608 (2016.02); **E04H 12/2215** (2013.01)

Citation (search report)

- [Y] DE 1286060 B 19690102 - DETAG
- [Y] EP 0029015 A2 19810520 - CIUCCARELLI DINO
- [A] FR 1552818 A 19690110 - PIRELLI [IT]
- [A] US 2159458 A 19390523 - STODDARD HUGH W
- [A] FR 1326604 A 19630510
- [A] US 2063142 A 19361208 - WILHELM AUSTERMUHLE
- [A] GB 191003723 A 19110215 - ANNISON RICHARD HENRY [GB]
- [A] US 4061435 A 19771206 - SCHMANSKI DONALD W, et al
- [A] GB 623261 A 19490513 - JOHN THOMAS CHESTER

Cited by

GB2351517A; GB2306536A

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0080237 A2 19830601; **EP 0080237 A3 19850522**; **EP 0080237 B1 19890222**; DE 3279458 D1 19890330; NL 8105299 A 19830616

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