

Title (en)
PROPULSION PROCESS OF BURIED PIPE

Publication
EP 0451683 A3 19911023 (EN)

Application
EP 91105266 A 19910403

Priority
JP 9186390 A 19900405

Abstract (en)
[origin: EP0451683A2] In a propulsion process of buried pipe, an endless pipe to be buried is formed by sequentially curving a pipe material (62) of long hoop shape made of a plastic material, and this endless pipe is successively inserted and propelled into the burying hole while forming the burying hole by propelling a leader (10) in the ground. <IMAGE>

IPC 1-7
E21B 7/20; **E21B 17/00**; **E21B 17/20**; **E21B 19/22**

IPC 8 full level
E21D 9/06 (2006.01); **E21B 7/20** (2006.01); **E21B 17/00** (2006.01); **E21B 17/20** (2006.01); **E21B 19/22** (2006.01); **F16L 1/024** (2006.01)

CPC (source: EP)
E21B 7/201 (2013.01); **E21B 17/00** (2013.01); **E21B 17/20** (2013.01); **E21B 19/22** (2013.01)

Citation (search report)

- [X] DE 1189492 B 19650325 - ECKART CRONJAEGER
- [A] GB 2053326 A 19810204 - IBALL E K
- [A] FR 2488937 A1 19820226 - REMLINGER FRANCOIS [FR]
- [A] GB 2186899 A 19870826 - GEWERK EISENHUETTE WESTFALIA
- [A] EP 0345945 A1 19891213 - KIDOH TECHNICAL INS COMPANY LI [JP]
- [A] US 3935910 A 19760203 - GAUDY CLAUDE FRANCOIS, et al

Cited by
CN116291205A; GB2365463B; EP0725205A1; WO02088586A1; WO0150058A1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0451683 A2 19911016; **EP 0451683 A3 19911023**; AU 635626 B2 19930325; AU 7410791 A 19911010; JP H03290590 A 19911220; JP H0730671 B2 19950410

DOCDB simple family (application)
EP 91105266 A 19910403; AU 7410791 A 19910405; JP 9186390 A 19900405