

Title (en)
CONCRETE-DISTRIBUTION RIG

Title (de)
BETONVERTEILERMAST

Title (fr)
MAT DE DISTRIBUTION DE BETON

Publication
EP 0663978 B1 19960221 (DE)

Application
EP 93920738 A 19930916

Priority
• DE 4233171 A 19921002
• EP 9302503 W 19930916

Abstract (en)
[origin: US5535780A] PCT No. PCT/EP93/02503 Sec. 371 Date Nov. 14, 1994 Sec. 102(e) Date Nov. 14, 1994 PCT Filed Sep. 16, 1993 PCT Pub. No. WO94/08111 PCT Pub. Date Apr. 14, 1994. The invention concerns a five-arm concrete-distribution rig (20) mounted on a vehicle. Arms (1, 2 and 3) can be folded together by pivoting in opposite directions about hinged joints (B and C), which are capable of pivoting through approximately 180 DEG, to form a "Z". In order to make it possible to supply concrete through several hoses in parallel, to upper stories and over obstacles, the invention proposes that arms (3, 4 and 5) can be folded together by pivoting in the same direction about joints (D and E), which are capable of pivoting through approximately 270 DEG, to bring them up against arms (2 and 3) in the vicinity of hinged joint (C).

IPC 1-7
E04G 21/04

IPC 8 full level
E04G 21/04 (2006.01)

CPC (source: EP US)
E04G 21/04 (2013.01 - EP US); **E04G 21/0436** (2013.01 - EP US); **Y10T 137/8807** (2015.04 - EP US)

Cited by
WO2022105234A1

Designated contracting state (EPC)
AT DE ES IT

DOCDB simple family (publication)
US 5535780 A 19960716; AT E134412 T1 19960315; DE 4233171 A1 19940407; DE 59301692 D1 19960328; EP 0663978 A1 19950726; EP 0663978 B1 19960221; ES 2084511 T3 19960501; JP H08501609 A 19960220; KR 100239840 B1 20000115; WO 9408111 A1 19940414

DOCDB simple family (application)
US 33858894 A 19941114; AT 93920738 T 19930916; DE 4233171 A 19921002; DE 59301692 T 19930916; EP 9302503 W 19930916; EP 93920738 A 19930916; ES 93920738 T 19930916; JP 50863294 A 19930916; KR 19940704316 A 19941129