

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: DE4233171A1] 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 storeys 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