

Title (en)  
Z-SHAPED FOLDABLE CRANE

Title (de)  
Z-FÖRMIG ZUSAMMENLEGBARER KRAN

Title (fr)  
GRUE REPLIABLE EN FORME DE Z

Publication  
**EP 3248928 B1 20181107 (DE)**

Application  
**EP 16171100 A 20160524**

Priority  
EP 16171100 A 20160524

Abstract (en)  
[origin: JP2017210373A] PROBLEM TO BE SOLVED: To provide a foldable crane which is reachable in a wider range.SOLUTION: The present invention relates to a crane foldable in Z-shape, comprising: a crane column 9; a lifting arm 3 hinged at one end to the crane column 9 and having at the other end a fork-shaped mounting portion for an articulated gib 1; the articulated gib 1 designed as a tube-shaped portion and having a first end (distal end) and a second end (proximal end); a hinge connection 8 arranged in a region of the second end of the gib 1 to hinge the gib 1 to the lifting arm 3; and a telescopic arm 2 provided inside the gib 1 and extendable from the first end of the gib 1. The hinge connection 8 is arranged outside the tube-shaped portion of the gib 1 so that the telescopic arm 2 can pass through the hinge connection 8. The telescopic arm 2 in a retracted state extends beyond the hinge connection 8 in a direction away from the first end of the gib 1.SELECTED DRAWING: Figure 1

IPC 8 full level  
**B66C 23/00** (2006.01); **B66C 23/68** (2006.01)

CPC (source: EP RU)  
**B66C 23/00** (2013.01 - RU); **B66C 23/54** (2013.01 - EP); **B66C 23/68** (2013.01 - EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3248928 A1 20171129; EP 3248928 B1 20181107**; BR 102017010652 A2 20171212; BR 102017010652 B1 20230110;  
ES 2710507 T3 20190425; JP 2017210373 A 20171130; JP 6538752 B2 20190703; PL 3248928 T3 20190731; RU 2656803 C1 20180606;  
SI 3248928 T1 20190329

DOCDB simple family (application)  
**EP 16171100 A 20160524**; BR 102017010652 A 20170522; ES 16171100 T 20160524; JP 2017100633 A 20170522; PL 16171100 T 20160524;  
RU 2017117577 A 20170522; SI 201630174 T 20160524