

Title (en)
TOWER CRANE

Title (de)
TURMKRAN

Title (fr)
GRUE À PYLÔNE

Publication
EP 3375747 A1 20180919 (EN)

Application
EP 18156421 A 20180213

Priority
IT 201700027467 A 20170313

Abstract (en)
A tower crane (100) is described, comprising: a tower (105), a pivoting structure (125) installed at the top of the tower (105), a fifth wheel (130) adapted to allow the movable structure to rotate around a vertical rotation axis (Y), and a luffing jib (145) having one end articulated to the pivoting structure (125) according to a horizontal articulation axis (X), where the pivoting structure (125) comprises: actuating means (159) adapted to rotate the luffing jib (145) around the articulation axis (X) up to a vertical position, and a cage (135) adapted to accommodate at least one portion of the luffing jib (145), when the luffing jib (145) is located in said vertical position.

IPC 8 full level
B66C 23/26 (2006.01)

CPC (source: EP)
B66C 23/26 (2013.01)

Citation (search report)

- [YA] CN 203865895 U 20141008 - CHINA SANJ CRANE CO LTD
- [YA] DE 202016101689 U1 20160609 - PROTEA SP Z O O [PL]
- [A] EP 1350953 A2 20031008 - TORRES MARTINEZ M [ES]
- [A] CN 205312925 U 20160615 - SHANDONG DAHAN CONSTRUCTION MACHINERY CO LTD

Cited by
WO2023206694A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3375747 A1 20180919; IT 201700027467 A1 20180913

DOCDB simple family (application)
EP 18156421 A 20180213; IT 201700027467 A 20170313