

Title (en)
PROFILE SHAPE FOR A CRANE JIB

Title (de)
PROFILFORM FÜR EINEN KRANARM

Title (fr)
FORME PROFILÉE POUR BRAS DE GRUE

Publication
EP 2185460 A1 20100519 (DE)

Application
EP 08782835 A 20080829

Priority
• AT 2008000307 W 20080829
• AT 5272007 U 20070905

Abstract (en)
[origin: WO2009029965A1] The invention relates to a crane jib for a crane, having a longitudinal axis and an imaginary contour line that extends in a transversal plane relative to an axis of symmetry (s) in an at least approximately mirror-symmetric manner, the contour line intersecting the axis of symmetry (s) in a first and a second point of intersection (S1, S2) and the contour line having a straight section the imaginary extension of which in the direction of the second point of intersection (S2) intersects the axis of symmetry (s) and forms an acute angle therewith. The centroid (F) of the surface enclosed by the contour line in the transversal plane lies between the first point of intersection (S1) and a center (M) that is equally interspaced from the first and second point of intersection (S1, S2) on the axis of symmetry (s).

IPC 8 full level
B66C 23/687 (2006.01)

CPC (source: EP)
B66C 23/701 (2013.01)

Citation (search report)
See references of WO 2009029965A1

Cited by
US9382079B2

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2009029965 A1 20090312; BR PI0816410 A2 20150303; CA 2697299 A1 20090312; CN 101827774 A 20100908; EP 2185460 A1 20100519; MX 2010002599 A 20100331; RU 2010112864 A 20111010; RU 2497745 C2 20131110

DOCDB simple family (application)
AT 2008000307 W 20080829; BR PI0816410 A 20080829; CA 2697299 A 20080829; CN 200880112138 A 20080829; EP 08782835 A 20080829; MX 2010002599 A 20080829; RU 2010112864 A 20080829