

Title (en)
Crane girder.

Title (de)
Kranträger.

Title (fr)
Poutre-support de grue.

Publication
EP 0194615 A1 19860917 (DE)

Application
EP 86103093 A 19860307

Priority
DE 3508749 A 19850312

Abstract (en)
1. Crane girder with the features : - it has a tubular member (11) of annular cross-section, - at least two track sections (15, 16) are welded onto the tubular member (11) in its longitudinal direction, in each case at two connecting places (28, 29) or (34, 35), - an angle trolley (17) is arranged movably on the track sections (15, 16) by means of a carriage (13) with at least three runner wheels (22, 23, 24), - the angle trolley (17) is equipped with a lifting mechanism (18) for a load-receiving element (19), characterized by the features : - both track sections (15, 16) are arranged on the tubular member (11) in such a manner that those surface normals (38, 39) of their track surfaces which pass through the connecting place (28, 34) which is located first in the force introduction direction, between the pertaining track section (15, 16) and the tubular member (11) at a point (36) which is located on the resultant force-action line (37) of the lifting mechanism (18) of the angle trolley (17), - the part-section (27, 33) of the track section (15, 16) which is located between the track surface (26, 31) and the first connecting place (28, 34) is arranged at least approximately centrally to the pertaining force-action line (38, 39).

Abstract (de)
Der Kranträger weist einen Rohrkörper (11) auf, an dem die Laufbahnprofile (15; 16) für die Winkelkatze (17) so angeordnet sind, daß die Kraftwirkungslinien (38; 39) der an den Laufbahnprofilen (15; 16) anliegenden Laufräder (22 ... 24) einerseits und die Kraftwirkungslinie (37) des Lasthakens (19) am Hubwerk (17) andererseits sich in einem gemeinsamen Schnittpunkt (36) schneiden. Das gilt auch für eine Ausführungsform des Kranträgers mit mehreren Rohrkörpern, bei der die Laufbahnprofile an je einem der Rohrkörper angeordnet sind.

IPC 1-7
B66C 6/00; B66C 7/08; B66C 11/02

IPC 8 full level
B66C 6/00 (2006.01); **B66C 7/00** (2006.01); **B66C 7/08** (2006.01); **B66C 11/02** (2006.01)

CPC (source: EP)
B66C 6/00 (2013.01); **B66C 7/08** (2013.01); **B66C 11/02** (2013.01)

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