

Title (en)
LIFTING CLAMP

Publication
EP 0169362 B1 19880302 (DE)

Application
EP 85107317 A 19850613

Priority
DE 3423314 A 19840623

Abstract (en)
[origin: US4647098A] The hoist clamp has a coupling eye (7) which has a gimbal-type connection by means of the shafts (5,6) to clamp operating crank (14). When a diagonal pull is exerted, the neck (42) of the coupling eye (7) engages against a bracing point (3,4) which is sufficiently high above the shaft (6) to ensure that the lever action provides extra clamping force between the clamps (11,12). When the coupling eye (7) swings about the shaft (5), the coupling eye engages against the upper edges (1,2) of the casing (8), said edges curving outwards, so that additional clamping force is also obtained when the pull exerted is diagonal. Said additional clamping force is only marginally affected by the load (32) held in the load aperture (37).

IPC 1-7
B66C 1/48

IPC 8 full level
B66C 1/48 (2006.01)

CPC (source: EP US)
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