

Title (en)
BOTTOM HOOK BLOCK SYSTEM

Title (de)
UNTERFLASCHENSYSTEM

Title (fr)
ENSEMBLE DE MOUFLES

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Application
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Abstract (en)
[origin: US2004084917A1] The invention relates to a bottom hook block system for a given maximum load, for providing differently portative bottom hook blocks for a crane, especially for a heavy lift crane. The bottom hook block system comprises four individual roller blocks (1a-d) with a plurality of pulley blocks, two load hooks (2a, b) and two intermediate links (3a, b) by means of which two individual roller blocks (1a, b or 1c, d) can be combined to a double roller block (4). An equalizing link unit (5) consists of two equalizing links (6, 7) that are interlinked via a joint support (8) with a vertical and at least one horizontal rotational axis. One of the equalizing links (6) is linked via a first horizontal hinge (10a, b) with the two intermediate links (3a, b). The other equalizing link (7) is linked via at least one bearing block (11a, b) with a second horizontal hinge (12a, b) with the two load hooks (2a, b). The load hooks (2a, b) can be swiveled about a vertical rotational axis in the respective bearing block (11a, b). A bearing connection (13) is provided in at least one of the intermediate links (3a, b), the connecting dimensions corresponding to the second horizontal hinge (12a, b).

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Cited by
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