

Title (en)
Combination crane.

Title (de)
Doppeldrehkran.

Title (fr)
Grue tournante double.

Publication
EP 0009958 A1 19800416 (EN)

Application
EP 79302068 A 19791001

Priority

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Abstract (en)
In a combination crane comprising a hollow crane (3) with two jib cranes (1, 2) mounted thereon, the lower end of each jib (4, 4 min) is supported on a rotatable base part (17, 17 min) arranged about the crane tower. The lower rotatable base part (17 min) is mounted on a stationary foundation (18) whereas the upper rotatable base part (17) is supported on the lower rotatable base part (17 min) so as to rotate relative thereto. A rotating element (20) mounted at the top of the hollow crane tower (3) and carrying supports (11, 11 min) for the hoisting and luffing ropes (10, 12) includes means for deliberately turning the rotating element synchronously with the tandem slewing operation of the crane jibs. The ropes passing through the hollow tower of the crane are wound onto rope drums including means for displacing the drums so as to keep an unvariable rope path between the crane tower and the rope drum.

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IPC 8 full level
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CPC (source: EP)
B66C 23/525 (2013.01); **B66D 1/38** (2013.01)

Citation (search report)

- DE 1839805 U 19611019 - WOERNER FRIEDRICH [DE]
- DE 1546466 A1 19701008 - STALEY MFG CO A E
- DE 1556461 A1 19700219 - CLAUSEN KURT
- DE 1804428 A1 19690522 - MACHF HENSEN NV
- GB 1270207 A 19720412 - MITSUBISHI HEAVY IND LTD [JP]
- GB 1044880 A 19661005 - CONSULMAR S L
- GB 1233419 A 19710526
- DE 430469 C 19260618 - EISENWERK VORM NAGEL & KAEMP A
- DE 2745059 A1 19780413 - HAEGGLUND & SOENER AB
- DE 1198979 B 19650819 - HILGERS AG
- FR 2044130 A5 19710219 - CREUSOT FORGES ATELIERS

Cited by
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