

Title (en)

TELESCOPIC BOOM AND HYDRAULIC CRANE COMPRISING A TELESCOPIC BOOM

Title (de)

TELESKOPPAUSLEGER UND HYDRAULISCHER KRAN MIT EINEM TELESKOPPAUSLEGER

Title (fr)

FLÈCHE TÉLESCOPIQUE ET GRUE HYDRAULIQUE COMPRENANT UNE FLÈCHE TÉLESCOPIQUE

Publication

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Application

EP 19181329 A 20190619

Priority

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Abstract (en)

A telescopic boom with a main section and telescopic boom sections carried by the main section. A first telescopic boom section (3a) is telescopically mounted in the main section (2) and displaceable in relation to it under the effect of a first hydraulic cylinder (4a) configured to act between the first telescopic boom section and the main section. Each further telescopic boom section (3b, 3c) is telescopically mounted in an adjacent telescopic boom section (3a, 3b) and axially displaceable in relation to it under the effect of another hydraulic cylinder (4b, 4c) which is configured to act between this further telescopic boom section and this adjacent telescopic boom section. The telescopic boom comprises a synchronizing system with one or more elongated and flexible synchronizing members (10a, 10b) and direction changing members (12a-12d), which co-operate to synchronize the axial displacements of the telescopic boom sections effected by said hydraulic cylinders.

IPC 8 full level

B66C 23/70 (2006.01)

CPC (source: EP)

B66C 23/701 (2013.01)

Citation (search report)

- [XAY] JP 2001107383 A 20010417 - KOBELCO CONSTR MACHINERY LTD, et al
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CN113682981A

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