

Title (en)  
Hydraulic crane

Title (de)  
Hydraulischer Kran.

Title (fr)  
Grue hydraulique.

Publication  
**EP 1798188 A3 20090225 (EN)**

Application  
**EP 06125428 A 20061205**

Priority  
SE 0502744 A 20051214

Abstract (en)  
[origin: EP1798188A2] A hydraulic crane (1) comprising a liftable and lowerable crane boom (5), a hydraulic cylinder (8) for lifting and lowering the crane boom (5) and registration means (35) adapted to register lifting up or putting down of a load in dependence on the rate of the changes in the cylinder force (F c ) of the hydraulic cylinder (8). The registration means (35) is adapted to register that the crane executes a lifting up or putting down of a load when the rate of a detected change in the cylinder force (F c ) exceeds a predetermined value. The invention also relates to the method for registration of lifting up or putting down of a load by a hydraulic crane, and a method for calculating the fatigue stressing of a hydraulic crane based on the registered number of liftings up and/or puttings down of load.

IPC 8 full level  
**B66C 13/16** (2006.01); **E02F 9/20** (2006.01)

CPC (source: EP SE)  
**B66C 13/16** (2013.01 - EP SE); **B66C 15/00** (2013.01 - SE); **B66C 23/54** (2013.01 - EP); **E02F 9/226** (2013.01 - EP); **E02F 9/24** (2013.01 - EP); **F15B 19/005** (2013.01 - SE)

Citation (search report)

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