

Title (en)

Crane safety devices and methods

Title (de)

Sicherheitsvorrichtung und Verfahren für Kräne

Title (fr)

Dispositif et méthode de sécurité pour grues

Publication

EP 1221426 A2 20020710 (EN)

Application

EP 01200047 A 20010109

Priority

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Abstract (en)

A crane safety device comprising a plurality of wind speed and direction sensors (53) and a control console (48) to display this information and to limit the operation of the crane to safe conditions. Other sensors for boom length (68) etc. are used to evaluate safe conditions. The wind sensor is pivoted and has a counterweight (65) to ensure that the sensor remains vertical at all boom angles. A crane control decision network (66) is also disclosed for programming the setup of the crane. <IMAGE>

IPC 1-7

B66C 15/06; **B66C 23/90**

IPC 8 full level

B66C 15/06 (2006.01); **B66C 23/90** (2006.01)

CPC (source: EP)

B66C 15/065 (2013.01); **B66C 23/905** (2013.01)

Cited by

BE1021953B1; CN105776023A; GB2564802A; CN109416373A; DE102008021249A1; CN103879881A; RU189103U1; CN103145046A; CN103979414A; RU2700312C1; CN112141897A; US2022194750A1; US2011084044A1; US8783477B2; CN108675146A; DE102015016848A1; CN110371855A; US10115284B2; WO2017168180A1; WO2014173609A1; WO2022167589A1; US12007311B2; US10906784B2; US11753281B2; RU189015U1; CN113620178A; EP3945064A1

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