

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 A3 20020911 (EN)**

Application  
**EP 01200047 A 20010109**

Priority  
EP 01200047 A 20010109

Abstract (en)  
[origin: EP1221426A2] 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)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 04 30 April 1997 (1997-04-30)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 06 31 July 1995 (1995-07-31)
- [Y] DATABASE WPI Section PQ Week 198229, Derwent World Patents Index; Class Q38, AN 1982-J7255E, XP002182910

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