

Title (en)
Crane safety apparatus

Title (de)
Kransicherheitsvorrichtung

Title (fr)
Dispositif de sécurité pour grue

Publication
EP 0614845 B2 20040512 (EN)

Application
EP 94201063 A 19890406

Priority
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• JP 33019788 A 19881227

Abstract (en)
[origin: EP0406419A1] A safety device for a crane, in which a schematic diagram of a part of a crane mechanism is shown dynamically in accordance with an operation of the crane mechanism on a two-dimensional screen with a predetermined operational region shown in the form of a visible identification pattern on the same screen. The pattern of an operational region is shown on the screen on the basis of the schematic diagram of the crane mechanism which is actually shown on the screen in response to an operator's key command given when the crane is in a selected operational condition.

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IPC 8 full level
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CPC (source: EP KR)
B66C 13/46 (2013.01 - KR); **B66C 23/90** (2013.01 - KR); **B66C 23/905** (2013.01 - EP)

Cited by
EP2145852A1; US5731974A; US6140930A; EP0849213A1; DE19653579B4; AU2009202448B2; EP1748020A3; EP1153876A3; EP2113481A1; EP0731054A4; EP3828123A4; EP1803678A3; EP0857687A4; EP1306343A3; DE102006040782A1; DE19538264A1; EP0768588A3; DE19538264C2; US6744372B1; US9187295B2; US8160786B2; US12030749B2; US10961087B2; US7677401B2; US9126812B2; US9957141B2; EP3362399B1; EP3362399B2

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