

Title (en)
CRANE HYDRAULIC CONTROL SYSTEM

Publication
EP 0033239 A3 19811230 (EN)

Application
EP 81300320 A 19810123

Priority
AU PE214680 A 19800125

Abstract (en)
[origin: EP0033239A2] A crane hoist drive assembly having a hydraulic motor (20) driven by a variable displacement hydraulic pump (21) and a control circuit (10) for the pump adapted to govern the pump displacement so that the lift generated by said motor is independent of line travel and is adjustably predetermined.

IPC 1-7
B66C 13/02; **B66D 1/50**

IPC 8 full level
B66C 13/02 (2006.01); **B66D 1/50** (2006.01)

CPC (source: EP)
B66C 13/02 (2013.01)

Citation (search report)

- US 3618897 A 19711109 - SWOBODA JOHN J JR, et al
- FR 1531600 A 19680705 - RICHIER SA
- DE 2146586 B2 19770428
- [A] US 3381939 A 19680507 - BROWN CICERO C, et al
- [A] FR 2314886 A1 19770114 - HAVRE STE NLE ATEL ET CHANTIER [FR]
- [A] FR 2246484 A1 19750502 - BROWN BROTHERS & CO LTD [GB]
- [A] FR 2044384 A5 19710219 - SCHWERMASCHINENBAU NOBA
- [A] DE 1096577 B 19610105 - VEB ZEK
- [A] DE 2112566 A1 19720921 - NEUENFELDER MASCHF GMBH
- PATENTS ABSTRACTS OF JAPAN, Vol. 4, No. 3, 11 January 1980, page 49M87; & JP-A-54 138 265

Cited by
CN114314395A; DE102005034677A1; DE102005034677A8; US7490728B2; EP2526042B1

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AT BE CH DE FR GB IT LI LU NL SE

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