

Title (en)
Current control for an inductive load

Title (de)
Stromregler für eine induktive Last

Title (fr)
Contrôle de courant pour une charge inductive

Publication
EP 0895264 B1 20000223 (EN)

Application
EP 98305816 A 19980721

Priority
GB 9716220 A 19970801

Abstract (en)
[origin: EP0895264A1] A current control for an inductive load (10) includes a switch device (11) and a sensor (12) in series with the load. A voltage comparator (15) is connected to operate when the current in the load reaches a desired average value. A digital control (18) measures the time taken for the current to reach this value and maintains the switch device conductive for a further period based on this measured time. Accurate average current control is obtained even if it is not possible to measure the load current when the switch device is non-conductive. <IMAGE>

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H01H 47/32

IPC 8 full level
H01H 47/32 (2006.01)

CPC (source: EP)
H01H 47/325 (2013.01)

Cited by
EP1347562A3

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EP 0895264 A1 19990203; EP 0895264 B1 20000223; DE 69800081 D1 20000330; DE 69800081 T2 20000914; GB 9716220 D0 19971008

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