

Title (en)

Method for determining by approximation the power of an induction system

Title (de)

Verfahren zur näherungsweisen Bestimmung der Leistung eines Induktionssystems

Title (fr)

Procédé de détermination par approximation de la puissance d'un système d'induction

Publication

**EP 1521500 A3 20071010 (DE)**

Application

**EP 04014678 A 20040623**

Priority

DE 10344451 A 20030925

Abstract (en)

[origin: EP1521500A2] System includes at least one coil supplied at an operating frequency. At the coil an output current magnitude arises. Operating frequency and output current are determined and/or known. Approximate value for the power of induction system is determined by dividing the output current magnitude by the operating frequency. Numerical value of peak current in amps, is divided by the numerical value of operating frequency in kHz and multiplied by 1000.

IPC 8 full level

**H05B 6/06** (2006.01)

CPC (source: EP)

**H05B 6/06** (2013.01)

Citation (search report)

- [A] US 4210792 A 19800701 - FUJITA TAKASHI [JP], et al
- [A] DE 19527827 A1 19970130 - KUKA SCHWEISSANLAGEN & ROBOTER [DE]
- [A] GB 2084414 A 19820407 - SHARP KK

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

**EP 1521500 A2 20050406; EP 1521500 A3 20071010; EP 1521500 B1 20080813**; AT E405134 T1 20080815; DE 10344451 B3 20050428; DE 502004007821 D1 20080925; DK 1521500 T3 20081208; ES 2312882 T3 20090301

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