

Title (en)

Inverter bridge unit and a procedure for its use.

Title (de)

Wechselrichterbrücke und Verfahren zu ihrem Gebrauch.

Title (fr)

Pont d'inverseur et procédé pour son utilisation.

Publication

EP 0490185 B1 19950201 (EN)

Application

EP 91120492 A 19911129

Priority

FI 906192 A 19901214

Abstract (en)

[origin: EP0490185A1] The invention relates to a three-phase inverter bridge unit, containing for each phase a branch consisting of gate-controlled solid-state switches (T1'-T6'), said switches being used to convert a d.c. voltage into a three-phase a.c. voltage feeding a three-phase load (3'), and a control unit (5') for controlling the solid-state switches, and to a procedure for the use of the inverter bridge unit to prevent skewing of a lifting apparatus. The bridge unit comprises a parallel branch consisting of controlled solid-state switches (T7', T8') and connected in parallel with one of the branches of the bridge, said parallel branch being used along with the other phase branches feeding said three-phase load to feed another three-phase load (4'). <IMAGE>

IPC 1-7

B66C 9/16

IPC 8 full level

B66C 9/16 (2006.01)

CPC (source: EP)

B66C 9/16 (2013.01)

Cited by

WO2018091782A1; AT500115A1; CN106029546A; US5492067A; US5433150A; JP2020138869A; WO2016158681A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0490185 A1 19920617; EP 0490185 B1 19950201; AT E117970 T1 19950215; DE 69107184 D1 19950316; DE 69107184 T2 19950524; FI 88234 B 19921231; FI 88234 C 19930413; FI 906192 A0 19901214; FI 906192 A 19920615

DOCDB simple family (application)

EP 91120492 A 19911129; AT 91120492 T 19911129; DE 69107184 T 19911129; FI 906192 A 19901214