

Title (en)

COMPOSITION AND METHOD FOR PROTECTING THE HEART DURING REPERFUSION

Publication

EP 0509066 A4 19921125 (EN)

Application

EP 91916208 A 19910909

Priority

US 58012790 A 19900910

Abstract (en)

[origin: WO9204023A1] A pharmaceutical composition and method is described for protecting the heart of an animal or human during ischemia and reperfusion. The amino acid alanine when administered in an amount sufficient to increase the blood level of the animal or human to 1.0 to 20.0 mM alanine, will protect the myocardium from damage during ischemia and reperfusion.

IPC 1-7

A61K 31/195

IPC 8 full level

A61K 31/195 (2006.01)

CPC (source: EP)

A61K 31/195 (2013.01)

Citation (search report)

- [X] EP 0318446 A1 19890531 - VINNARS ERIK AB [SE]
- [A] DIALOG INFORMATION SERVICES FILE NO. 5: BIOSIS 1969-1992 ACCESSION NO. 5768771 E. SHIBATA: 'Myocardial glutamate metabolism during reperfusion and its protecting effect against the reperfusion injury'
- See references of WO 9204023A1

Designated contracting state (EPC)

CH DE FR GB LI NL

DOCDB simple family (publication)

WO 9204023 A1 19920319; AU 8513191 A 19920330; CA 2068333 A1 19920311; EP 0509066 A1 19921021; EP 0509066 A4 19921125

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US 9106545 W 19910909; AU 8513191 A 19910909; CA 2068333 A 19910909; EP 91916208 A 19910909