Title (en)

ACECLOFENAC-CONTAINING CONTROLLED-RELEASE ORAL DRUG PREPARATIONS AND THEIR MANUFACTURING PROCESS

Title (de)

ACECLOFENAC-HALTIGE ORALE ARZNEIMITTELPRÄPARATE MIT KONTROLLIERTER FREISETZUNG UND IHR HERSTELLUNGSVERFAHREN

Title (fr)

PRÉPARATIONS MÉDICAMENTEUSES ORALES À LIBÉRATION CONTRÔLÉE CONTENANT DE L'ACÉCLOFÉNAC ET LEUR PROCÉDÉ DE FABRICATION

Publication

EP 2393486 A1 20111214 (EN)

Application

EP 09839738 A 20090429

Priority

• KR 2009002251 W 20090429
• KR 20090008830 A 20090204

Abstract (en)

[origin: WO2010090371A1] Disclosed herein are single-layer and double-layer tablets, which release aceclofenac in a controlledmanner so as to achieve ideal drug release close to a straight line. Also, the tablets promote drug absorption in the stomach by controlling pH, contain aceclofenac with improved stability and haveboth immediate-release properties and sustained-release properties. Specifically, provided is an aceclofenac sustained-release tablet which is composed of an immediate-release layer containing aceclofenac, a water-soluble additive, a pH-controlling agent, a disintegrant, a filler and a lubricant and of a sustained-release layer containing aceclofenac, a release-controlling polymer, an oil-soluble surfactant, a filler and a lubricant, wherein the pH-controlling agent is sodium hydrogen carbonate, and the release-controlling polymer is a mixture of hydroxypropylmethylcellulose and carbomer.

IPC 8 full level

A61K 9/24 (2006.01); **A61K 9/20** (2006.01); **A61K 9/22** (2006.01); **A61K 9/54** (2006.01); **A61K 47/30** (2006.01)

CPC (source: EP KR)

A61K 9/209 (2013.01 - EP KR); **A61K 31/216** (2013.01 - KR); **A61K 47/38** (2013.01 - KR); **A61P 19/02** (2017.12 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2010090371 A1 20100812; CN 102307575 A 20120104; CN 102307575 B 20130213; EP 2393486 A1 20111214; EP 2393486 A4 20121010; KR 101050076 B1 20110719; KR 20100089532 A 20100812; RU 2011132480 A 20130310; RU 2493843 C2 20130927

DOCDB simple family (application)

KR 2009002251 W 20090429; CN 200980156073 A 20090429; EP 09839738 A 20090429; KR 20090008830 A 20090204; RU 2011132480 A 20090420