

Title (en)
SUBSTITUTED BICYCLIC LACTONES

Title (de)
SUBSTITUIERTE BICYCLISCHE LACTONE

Title (fr)
LACTONES BICYCLIQUES SUBSTITUEES

Publication
EP 1047686 A1 20001102 (DE)

Application
EP 99904744 A 19990107

Priority
• DE 19801636 A 19980117
• EP 9900031 W 19990107

Abstract (en)
[origin: DE19801636A1] Bicyclic lactones (I) and their salts are new. Bicyclic lactones of formula (I) and their salts are new: A = CH₂, CO, CR<4>(OH), (CH₂)_a-CHR<5> or 2-6C alkanediyl, alkenediyl or alkynediyl; a = 0-4; R<4> = H or 1-4C alkyl; R<5> = phenyl; R<1> = H, 3-6C cycloalkyl, (fused) heterocyclyl or 6-10C aryl, where all rings are optionally substituted by one or more substituents; R<2>, R<3> = H or 1-6C alkyl; and D+E = complete a ring, e.g. -(CH₂)₂-.

IPC 1-7
C07D 307/93; **A61K 31/365**; **C07D 493/10**; **C07D 495/10**

IPC 8 full level
A61K 31/365 (2006.01); **A61P 9/00** (2006.01); **A61P 25/04** (2006.01); **A61P 25/08** (2006.01); **A61P 43/00** (2006.01); **C07D 307/93** (2006.01); **C07D 493/10** (2006.01); **C07D 495/10** (2006.01)

CPC (source: EP US)
A61P 9/00 (2017.12 - EP); **A61P 25/04** (2017.12 - EP); **A61P 25/08** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 307/93** (2013.01 - EP US); **C07D 493/10** (2013.01 - EP US); **C07D 495/10** (2013.01 - EP US)

Citation (search report)
See references of WO 9936418A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 19801636 A1 19990722; AU 2515799 A 19990802; EP 1047686 A1 20001102; JP 2002509146 A 20020326; US 6376539 B1 20020423; WO 9936418 A1 19990722

DOCDB simple family (application)
DE 19801636 A 19980117; AU 2515799 A 19990107; EP 9900031 W 19990107; EP 99904744 A 19990107; JP 2000540134 A 19990107; US 60039500 A 20000714