

Title (en)  
CEPHALOSPORINS AND PENICILLINS, PROCESSES FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

Publication  
**EP 0000392 A3 19790822**

Application  
**EP 78100352 A 19780711**

Priority  
DE 2732283 A 19770716

Abstract (en)  
[origin: ES471770A1] 2-Hetero-acetamido-penicillanates and cephalosporinates of the formula < IMAGE > in which R is hydrogen or lower alkoxy, Z is < IMAGE > R1 and R2 independently or together are various radicals, A is -CH2-CH2-, -CH2-CH2-CH2- or < IMAGE > n is 1 or 2, X is S,O,SO,SO2 or -CH2-, Y is the balance of a penicillin or cephalosporin moiety, and B is a heterocyclic radical, in the form of the acid, a hydrate thereof, a salt thereof or a salt of the hydrate, exhibit marked anti-bacterial properties rendering them suited for use as antibiotics and animal feed supplements.

IPC 1-7  
**C07D 501/20**; **C07D 499/70**; **C07D 499/00**; **C07D 499/02**; **A23K 1/17**

IPC 8 full level  
**A23K 20/195** (2016.01); **A61K 31/43** (2006.01); **A61K 31/545** (2006.01); **A61K 31/546** (2006.01); **A61P 31/04** (2006.01); **C07D 231/12** (2006.01); **C07D 277/20** (2006.01); **C07D 277/48** (2006.01); **C07D 307/54** (2006.01); **C07D 499/00** (2006.01); **C07D 499/64** (2006.01); **C07D 499/68** (2006.01); **C07D 499/70** (2006.01); **C07D 501/20** (2006.01); **C07D 501/34** (2006.01); **C07D 501/46** (2006.01); **C07D 501/57** (2006.01)

CPC (source: EP US)  
**A61P 31/04** (2018.01 - EP); **C07D 231/12** (2013.01 - EP US); **C07D 277/48** (2013.01 - EP US); **C07D 277/587** (2013.01 - EP US); **C07D 307/54** (2013.01 - EP US); **C07D 499/00** (2013.01 - EP US)

Citation (search report)  
• FR 2292471 A1 19760625 - BAYER AG [DE]  
• [P] FR 2359145 A1 19780217 - BAYER AG [DE]

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