

Title (en)
A CHAIN SPROCKET

Title (de)
KETTENRITZEL

Title (fr)
PIGNON DE CHAÎNE

Publication
EP 0960294 A1 19991201 (EN)

Application
EP 98903166 A 19980210

Priority
• GB 9800397 W 19980210
• GB 9702910 A 19970213

Abstract (en)
[origin: WO9836193A1] A sprocket (1) for a drive chain (3) has a plurality of radially retractable teeth (4). As sprocket rotates the teeth pass over a cam (7) that force them in sequence from a retracted position into an extended position where they engage the chain. The teeth are resiliently biased into the retracted position so that after they have engaged the cam they return to the retracted position. The retracting teeth ensure that noise caused by impact of the chain on the sprocket teeth is significantly reduced.

IPC 1-7
F16H 55/30

IPC 8 full level
F16H 55/30 (2006.01)

CPC (source: EP KR)
F16H 55/30 (2013.01 - EP KR)

Citation (search report)
See references of WO 9836193A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
WO 9836193 A1 19980820; AU 5999098 A 19980908; EP 0960294 A1 19991201; GB 9702910 D0 19970402; JP 2001511872 A 20010814; KR 20000070939 A 20001125; ZA 981166 B 19990812

DOCDB simple family (application)
GB 9800397 W 19980210; AU 5999098 A 19980210; EP 98903166 A 19980210; GB 9702910 A 19970213; JP 53545498 A 19980210; KR 19997007204 A 19990810; ZA 981166 A 19980212