

Title (en)
Chain stopper

Title (de)
Kettenstopp

Title (fr)
Arrêt pour chaîne

Publication
EP 1672164 A2 20060621 (EN)

Application
EP 05257181 A 20051122

Priority
• EP 04078428 A 20041217
• EP 05257181 A 20051122

Abstract (en)
A chain stopper (7,107,207,307,407) for attachment to a ball chain (1, 101, 201, 301, 401), having a plurality of balls (3, 103, 203, 303, 403) which are spaced apart along the length of the chain and are interconnected by a plurality of intermediate chain members (5,105,205,305,405) that extend along the length of the chain between adjacent balls; the stopper being adapted to be attached to the chain between two adjacent balls, about an intermediate chain member between the two adjacent balls, and being characterized by a maximum cross-sectional size (MC stopper) that is equal to or less than the size of the maximum cross-section of the balls (MC ball) of the chain.

IPC 8 full level
E06B 9/78 (2006.01); **E06B 9/324** (2006.01); **E06B 9/326** (2006.01)

CPC (source: EP)
E06B 9/324 (2013.01); **E06B 9/326** (2013.01)

Citation (applicant)
• DE 8700548 U1 19870305
• DE 29711893 U1 19970911 - LIN CHENG TAI [TW]
• US 6325132 B1 20011204 - ANDERSON RICHARD N [US], et al
• EP 0565379 A1 19931013 - YOSHIDA KOGYO KK [JP]
• US 5230665 A 19930727 - TANAKA ARATA [JP], et al
• WO 03033853 A1 20030424 - KIM HWA-SOON [KR]
• US 1522297 A 19250106 - GODSOL FRANK J

Cited by
WO2017072497A1; EP2369122A1; GB2546640A; GB2546640B; AU2008226102B2; US8474509B2; WO2008110286A1; US11085235B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1672164 A2 20060621; EP 1672164 A3 20110504; EP 1672164 B1 20120822

DOCDB simple family (application)
EP 05257181 A 20051122