

Title (en)

Chain saw with compact brake.

Title (de)

Kettensäge mit kompakter Bremse.

Title (fr)

Scie à chaîne avec frein compact.

Publication

**EP 0677361 A1 19951018 (EN)**

Application

**EP 94116795 A 19941025**

Priority

US 21561094 A 19940322

Abstract (en)

A chain saw includes a chain brake mechanism (2) which uses the periphery (32) of a cup-shaped reduction gear (30) as a braking surface. One embodiment uses a separate brake drum (96) which surrounds the cup gear. An alternative embodiment uses the cup gear itself as the braking surface. <IMAGE>

IPC 1-7

**B27B 17/08**

IPC 8 full level

**B27B 17/08** (2006.01)

CPC (source: EP)

**B27B 17/08** (2013.01); **B27B 17/083** (2013.01)

Citation (search report)

- [DA] US 4662072 A 19870505 - WIELAND DIETER [DE], et al
- [A] DE 3510471 A1 19850926 - MAKITA ELECTRIC WORKS LTD [JP]
- [A] US 4406645 A 19830927 - DYNIE ERNEST R [CA], et al
- [DA] US 3857179 A 19741231 - HAUPT E, et al
- [A] US 3992779 A 19761123 - MARKS MICHAEL R, et al
- [A] FR 2523245 A1 19830916 - STIHL ANDREAS [DE], et al

Cited by

CN102089128A; US2014310965A1; US8973276B2; WO2010008328A1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0677361 A1 19951018**; AU 1168895 A 19950928; CA 2118472 A1 19950923; SE 9501047 D0 19950322; SE 9501047 L 19950923

DOCDB simple family (application)

**EP 94116795 A 19941025**; AU 1168895 A 19950210; CA 2118472 A 19941019; SE 9501047 A 19950322