

Title (en)  
Vegetation shredders

Title (de)  
Pflanzenhäcksler

Title (fr)  
Déchiqueteuses de végétaux

Publication  
**EP 2072137 B1 20190515 (EN)**

Application  
**EP 07123892 A 20071221**

Priority  
EP 07123892 A 20071221

Abstract (en)  
[origin: EP2072137A1] The present invention relates to shredders of the type used for shredding branches and other vegetation, typically garden waste. In particular, we will describe a feed inlet or hopper (10) for a shredder apparatus (30), the hopper (10) having an opening (13) between opposed first and second walls (14, 15), wherein each of said first and second walls (14, 15) includes at least one projection (20) projecting into the opening. The hopper is characterised in that each projection includes inclined upper (21) and lower (22) surfaces. The present invention also relates to a shredder (30) apparatus including the hopper (10).

IPC 8 full level  
**B02C 18/12** (2006.01); **B02C 18/22** (2006.01)

CPC (source: EP)  
**B02C 18/12** (2013.01); **B02C 18/2291** (2013.01)

Citation (opposition)  
Opponent : AL-KO Geräte GmbH

- EP 1466666 A2 20041013 - BOSCH GMBH ROBERT [DE]
- EP 1393616 A1 20040303 - BOSCH GMBH ROBERT [DE]
- DE 3201096 A1 19830728 - REINHARD COLORTRONIC [DE]
- DE 29512417 U1 19950928 - GLORIA WERKE SCHULTE H KG [DE]
- US 4682740 A 19870728 - CONIGLIARO ANTHONY [US], et al
- EP 0699480 A1 19960306 - GLORIA WERKE SCHULTE H KG [DE]
- DE 29804063 U1 19980430 - GLORIA WERKE SCHULTE H KG [DE]
- DE 9414092 U1 19941020 - GLORIA WERKE SCHULTE H KG [DE]

Cited by  
DE102012009786A1; EP2644287A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 2072137 A1 20090624; EP 2072137 B1 20190515; CN 101462091 A 20090624**

DOCDB simple family (application)  
**EP 07123892 A 20071221; CN 200810185992 A 20081218**