

Title (en)

Garden shredder

Title (de)

Garten-Zerkleinerungsmaschine

Title (fr)

Broyer de jardinage

Publication

EP 1466666 A2 20041013 (EN)

Application

EP 04252071 A 20040407

Priority

GB 0308012 A 20030407

Abstract (en)

A garden shredder to shred garden material comprising a feeder for receiving said garden material, one or more blades for shredding said garden material received by said feeder, a series-type electric motor connected to move said one or more blades, and an electronic controller for controlling the electric motor, the electronic controller comprising an electronic circuit including means to sense the speed of rotation of the motor and means to control the speed of the motor to reduce the increase of the speed of rotation of the motor when the load applied to the motor by said one or more blades is reduced or removed. In this way, when there is no or only a small amount of garden material fed to the blades, the increase of the speed of rotation of the blades and hence the noise generated is reduced. <IMAGE>

IPC 1-7

B02C 18/12; **B02C 18/24**; **H02P 7/295**

IPC 8 full level

B02C 18/08 (2006.01); **B02C 18/12** (2006.01); **B02C 18/24** (2006.01); **B02C 23/04** (2006.01)

CPC (source: EP)

B02C 18/08 (2013.01); **B02C 18/12** (2013.01); **B02C 18/24** (2013.01); **B02C 23/04** (2013.01); **B02C 2018/164** (2013.01); **B02C 2018/168** (2013.01)

Cited by

EP2014369A1; EP2072137B1

Designated contracting state (EPC)

DE FR GB

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EP 1466666 A2 20041013; **EP 1466666 A3 20050518**; **EP 1466666 B1 20081008**; **EP 1466666 B9 20090506**; DE 602004016905 D1 20081120; GB 0308012 D0 20030514

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