

Title (en)

Starter arrangement and method for an engine

Title (de)

Brennkraftmaschinenstartermotor und Verfahren

Title (fr)

Moteur de démarrage et méthode pour un moteur à combustion

Publication

**EP 1258631 A3 20040728 (EN)**

Application

**EP 02010941 A 20020516**

Priority

- JP 2001147860 A 20010517
- US 6364102 A 20020507

Abstract (en)

[origin: EP1258631A2] An improved DC electrical starting motor and method for starting internal combustion engines that reduces starter motor noise in the period after the engine starts by effecting breaking of the starter motor shaft at that time. Preferably the braking is accomplished by regenerative braking.

IPC 1-7

**F02N 15/00**

IPC 8 full level

**F02N 15/00** (2006.01)

CPC (source: EP)

**F02N 11/087** (2013.01); **F02N 15/003** (2013.01); **F02N 11/00** (2013.01)

Citation (search report)

- [XY] US 4738148 A 19880419 - NORTON PETER [US]
- [Y] GB 1427430 A 19760310 - EDWARDS A K
- [X] US 4308462 A 19811229 - MCMILLEN BOBBY E
- [X] GB 583881 A 19470101 - BENDIX AVIAT CORP
- [A] US 5130560 A 19920714 - MORISHITA AKIRA [JP], et al

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**EP 02010941 A 20020516**; CN 02119991 A 20020515