

Title (en)

Starter with pinion return preventing mechanism

Title (de)

Anlasser mit Vorrichtung zum Verhindern des Zurückziehens des Ritzels

Title (fr)

Démarreur muni d'un dispositif empêchant le retour du pignon

Publication

EP 0742368 A1 19961113 (EN)

Application

EP 96107370 A 19960509

Priority

- JP 11211995 A 19950510
- JP 12167895 A 19950519
- JP 6136396 A 19960318

Abstract (en)

Rotation of a pinion (200) is regulated by a return/rotation regulating claw (231) when a starter (500) is actuated. After the pinion (200) engages the ring gear (100), the return/rotation regulating claw (231) positioned rearward the pinion (200) regulates the return of the pinion (200) from the ring gear (100). A thrust bearing (215) including a rolling bearing positioned on the rear face of the pinion (200) absorbs the difference between the rotational speed of the pinion (200) and that of the return/rotation regulating claw (231). Such a construction allows only the pinion (200) to move axially and a magnet switch (600) to be compact and light. <IMAGE>

IPC 1-7

F02N 15/06

IPC 8 full level

F02N 15/06 (2006.01)

CPC (source: EP)

F02N 15/065 (2013.01)

Citation (search report)

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- [A] EP 0091689 A1 19831019 - HITACHI LTD [JP]

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