

Title (en)
FREE-EJECTING STARTER

Title (de)
FREIAUSSTOSSENDER STARTER

Title (fr)
DÉMARREUR À DÉGAGEMENT LIBRE

Publication
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Application
EP 09753838 A 20090525

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Abstract (en)
[origin: WO2009144183A1] The invention describes a free-ejecting starter (1) for cranking an internal combustion engine in a vehicle, having a pinion shaft (2) which, at the front, free-ejecting end, has a single-track pinion (3) and, at the opposite end, a pinion shank (4) which is guided and mounted in a slidable manner on a driveshaft (5) of the starter (1) and is held in a bearing by a bearing shield (10) of the starter (1). To make the design and the assembly of the starter (1) simpler and cheaper, the pinion shank (4) has a first, outer bearing section (6) which is mounted directly on the driveshaft (5).

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