

Title (en)  
NOISE-OPTIMIZED STARTING APPARATUS

Title (de)  
GERÄUSCHOPTIMIERTE STARTVORRICHTUNG

Title (fr)  
DISPOSITIF DE DÉMARRAGE À AMORTISSEMENT DE BRUIT OPTIMISÉ

Publication  
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Application  
**EP 10766000 A 20101001**

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Abstract (en)  
[origin: WO2011039357A1] The invention relates to a starter apparatus (10) having a starting pinion (22). The starting pinion (22) is received displaceably on an output shaft (115). The starting pinion (22) or a stop ring (214) which is arranged on the output shaft (116) is assigned a noise-reducing damping device (224, 226, 230, 232, 234, 240). The damping device comprises a spring element or elements made from elastic material. The stop ring can be moved on the output shaft in the axial direction.

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