

Title (en)

AXLE DRIVE BLOCK WITH A DIFFERENTIAL LOCK

Title (de)

ACHSANTRIEBSBLOCK MIT DIFFERENTIALSPERRE

Title (fr)

BLOC D'ENTRAINEMENT D'ESSIEUX A VERROU DE DIFFERENTIEL

Publication

**EP 1474302 A1 20041110 (DE)**

Application

**EP 03706104 A 20030205**

Priority

- AT 802002 U 20020208
- AT 0300033 W 20030205

Abstract (en)

[origin: CA2475541A1] Disclosed is an axle drive block for a motor vehicle, comprising a first and a second differential (18, 19) in a driven housing (22). Both of said differentials are coaxially aligned planetary spur gears, the sun wheels (32, 43) of which are drivably connected to the semiaxes (8, 9) of the first driven axle. The planet wheels (36, 38) of both differentials (18, 19) mesh with the joint ring gear (35) of said sun wheels (36, 38). In order to lock the interaxle differential (19), the housing (24) is provided with a first striking surface (51) interacting with a second striking surface (53) which is pressed thereto by means of ball ramps (59, 59', 60, 60').

IPC 1-7

**B60K 17/346**

IPC 8 full level

**B60K 17/346** (2006.01); **B60K 23/08** (2006.01); **F16H 48/06** (2006.01); **F16H 48/22** (2006.01)

CPC (source: EP US)

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Citation (search report)

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