

Title (en)
SYNCHRONISER RING

Title (de)
SYNCHRONRING

Title (fr)
BAGUE DE SYNCHRONISATION

Publication
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Application
EP 17788113 A 20171024

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Abstract (en)
[origin: WO2018091125A1] The invention relates to a synchroniser ring which is made of steel and has a main body (1) having a conical friction surface (2), a toothing (3) and at least one blocking body (4) protruding radially outwards from the main body (1). The blocking body (4) has an engagement section (6) extending in an axial direction. The engagement section (6) has a first edge (11) which runs approximately parallel to a first end face (S1) of the main body (1) and is of a first width (B1) extending in the circumferential direction and two mutually opposite second edges (12) which extend from the first edge (11). According to the invention, to improve the durability of the synchroniser ring, the second edges (12) have a convex curvature when the engagement section (6) is viewed from above, and a second width (B2) which extends in the circumferential direction between the second edges (12) is greater than the first width (B1) at a depth T2 spaced from the first edge (11).

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F16D 23/025 (2013.01 - EP US); **F16D 23/06** (2013.01 - EP US)

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