

Title (en)  
SHEARS WITH MICRO SLIDING FILM TECHNOLOGY

Title (de)  
SCHERE MIT MICRO-GLEITFILMTECHNOLOGIE

Title (fr)  
CISEAUX AVEC TECHNOLOGIE DE MICROFILM LUBRIFIANT

Publication  
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Application  
**EP 17837941 A 20171206**

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Abstract (en)  
[origin: WO2018108207A1] The aim of the invention is to provide shears in which the metal blade edges do not directly contact each other or the contact is heavily reduced in order to ensure that the blade edges do not wear each other out. This is achieved in that the shears (1) have two shear blades (2) which can be moved relative to each other and which comprise a respective cutter (21), a rear part (22), and a shear blade screw connection (6). One of the two shear blades (2) is provided with a recess (3) which runs from the surroundings of the shear blade screw connection (6) to nearly the tip of the first shear blade (2) in an approximately parallel manner to the rear part (22) or to the cutter (21) and in which a material (4) with a suction capability is added. The recess (3) is designed in the shape of a trench or a groove as a liquid-conducting channel only to such a depth in the first shear blade (2) that the recess does not completely pass through the first shear blade (2). A connection channel (5) opens into the recess (3), wherein the connection channel runs out of the recess approximately at a right angle relative to the recess (3), passes through the first shear blade (2), and runs up to the surface of the first shear blade, where the recess is formed as a connection opening. The material (4) with a suction capability is designed as a sliding film dispenser, which can be inserted into the recess (3) and by means of which an oily liquid can be retained and dispensed in a metered manner.

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