

Title (en)
HARD ELEMENT FOR GRID ARMORING FOR A ROLLER PRESS, METHOD FOR PRODUCING THE SAME, AND ROLLER FOR A ROLLER PRESS

Title (de)
HARTKÖRPER ALS RASTERPANZERUNG FÜR EINE ROLLENPRESSE, VERFAHREN ZU DESSEN HERSTELLUNG, UND ROLLE FÜR EINE ROLLENPRESSE

Title (fr)
CORPS DUR POUR UN BLINDAGE EN RESEAU POUR UNE PRESSE A ROULEAUX, SON PROCEDE DE PRODUCTION, ET ROULEAU POUR UNE PRESSE A ROULEAUX

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Abstract (en)
[origin: CA2928331A1] The wear-resistant hard body according to the invention consists, at least partially, of a high-strength, iron-based alloy (IFW), and preferably comprises an external shell or sleeve made of another material. Roller press rollers usually have a bandage, often referred to as a roller body, in which the hard bodies are inserted as grid armoring. Particularly preferably, the hard body has a trilaterally closed, external shell. Advantageously, the hard body thus hardly needs any processing to ensure that it fits into the hole in the bandage, as the shell already does. Thus, a defined fit between the bandage and the shelled hard body is made possible. The hard bodies according to the invention with a shell or a sleeve are also referred to as bimetallic studs. Particularly preferably, the wear-resistant hard bodies furthermore have a circular cylindrical shape. Here, the closed front end of the shell, which in the installed state faces the center of the roller, is preferably shaped in a rounded fashion. Advantageously, cracking of the bandage due to sharp edges is thus prevented. Especially preferably, the rounding is a spherical shape.

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Cited by
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