Title (en)

CRUSHER WITH A WEAR ELEMENT AND A METHOD FOR PRODUCING A WEAR ELEMENT OF A CRUSHER

Title (de)

BRECHER MIT EINEM VERSCHLEISSELEMENT UND EIN VERFAHREN ZUM HERSTELLEN EINES VERSCHLEISSELEMENTS EINES BRECHERS

Title (fr)

CONCASSEUR AVEC UN ÉLÉMENT D'USURE ET PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT D'USURE D'UN CONCASSEUR

Publication

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Application

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Abstract (en)

[origin: WO2019020523A1] The invention relates to a breaker (10 for comminuting material, comprising a breaking chamber (20) having a loading area (16), into which material to be comminuted is loaded, and a breaking gap (22) for breaking the material, wherein the breaking chamber (20) tapers from the loading area (16) to the breaking gap (22), wherein the breaker (10) has a stationary breaking element (14) and a movable breaking element (12), which delimit the breaking chamber (20), and wherein the stationary breaking element (14) has a wear-protection element (24), which is formed from a metal matrix composite material having a wear-protection inlay (30) made of a hard metal and/or of ceramic. The invention further relates to a method for producing a wear-protection element (24) of a stationary breaking element (14) of a breaker (10), comprising the steps: positioning a wear-protection inlay (30) made of a hard metal or ceramic in a casting mould for casting the wear-protection element (24), and casting the wear-protection element (24), such that the wear-protection inlay (30) is at least partly enclosed by the cast material of the wear-protection element (24).

IPC 8 full level

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