

Title (en)
A PRESS TOOL

Title (de)
PRESSWERKZEUG

Title (fr)
OUTIL DE COMPRESSION

Publication
EP 3698901 B1 20230920 (EN)

Application
EP 19157928 A 20190219

Priority
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Abstract (en)
[origin: EP3698901A1] A press tool for manufacturing a cutting insert green body, said press tool comprising: at least one die member (1) having a first leg (4) defining a first die surface (5) and a second leg (6) defining a second die surface (7), each leg (4, 6) having a base connected to a remaining part of the die member (1) and a respective free end (10, 11) at an end of the first and second die surfaces (5, 7), wherein said first die surface (5) and second die surface (7) delimit a die cavity (3) in which said cutting insert green body is formed upon compaction of a powder in said die cavity (3), wherein, in the region of the bases of said first and second legs (4, 6), the die cavity (3) presents a corner region with a corner between two meeting surfaces, and wherein said die member (1) consists of cemented carbide. In said corner region, there is a portion (9) of the die member (1) in which the cemented carbide has higher toughness than has the cemented carbide of the die member (1) further away from the corner region.

IPC 8 full level
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