

Title (en)

A MOULD INSERT WITH EXTENDED SERVICE LIFE FOR PRESS-MOULDING OF STAMPINGS

Title (de)

FORMEINSATZ MIT ERHÖHTER LEBENSDAUER ZUM PRESSFORMEN VON STAMPFUNGEN

Title (fr)

INSERT DE MOULE À DURÉE DE VIE ÉTENDUE POUR MOULAGE PAR COMPRESSION DE PIÈCES ESTAMPÉES

Publication

EP 3249071 A1 20171129 (EN)

Application

EP 16460035 A 20160602

Priority

PL 41655316 A 20160321

Abstract (en)

The subject of the invention is a mould insert with extended service life for forming stampings by means of the press-moulding method, especially stampings from refractory materials supplied in the form of refractory powders or granulates, whereas said insert constituting one of side wall linings of the mould cavity is made of alloy steel in the form of a cuboidal solid characterised in that its outer working surface (3) is joined inseparably with metallic coating (4) with thickness $g = 0.2\text{--}0.4$ mm and hardness 2750-2785 HV, and the coating contains in its composition 86-90% by weight of tungsten carbide and 10-14% by weight of cobalt

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [I] EP 1726421 A2 20061129 - T W R SAS DI MARIO DODA & C [IT]
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