

Title (en)
COMPOSITE SACRIFICIAL COMPONENTS

Title (de)
ZUSAMMENGESETZTE OPFERKOMPONENTEN

Title (fr)
COMPOSANTS COMPOSITES SACRIFICIELS

Publication
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Application
EP 00931772 A 20000609

Priority
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Abstract (en)
[origin: WO0076666A1] Components (such as rotary mineral breaker wear tips and back up tips) made by: (i) positioning within a mould at least one hard transition metal carbide mass [preferably after pretreatment by heating to remove surface volatiles]; (ii) filling the mould about the transition metal carbide mass(es) with preferably either molten spheroidal graphite iron or molten nickel chromium alloy cast iron; and (iii) removing the composite moulding from the mould (whether by mould destruction or otherwise). A metallurgical bond between transition metal carbide mass(es) and the iron containing mass results. A preferred carbide is of tungsten or chromium (preferably bound particles thereof into an elongate form).

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