

Title (en)
ASSEMBLY OF FOUNDRY SHAPES

Title (de)
GIESSFORMANORDNUNG

Title (fr)
ENSEMBLE DE FORMES DE FONDERIE

Publication
EP 0695227 A1 19960207 (EN)

Application
EP 94914108 A 19940411

Priority
• US 9403936 W 19940411
• US 5219793 A 19930421

Abstract (en)
[origin: WO9423863A1] This invention relates to an assembly of foundry shapes and a process for making such assemblies of foundry shapes by contacting the foundry shapes with a substrate having a pressure sensitive adhesive on both sides of the substrate. The temperature of such molten metal for non ferrous metals is typically from 600 DEG C to 1000 DEG C while the temperature of ferrous metals is from 1200 DEG C to 1600 DEG C. One of the advantages of this process is that excess adhesive is not squeezed from between the foundry shapes when they are brought into contact with each other. Excess adhesive results in casting defects such as porosity and burn-on.

IPC 1-7
B22C 7/02; **B22C 9/02**; **B22C 9/10**

IPC 8 full level
B22C 7/02 (2006.01); **B22C 9/10** (2006.01); **B22C 9/20** (2006.01)

CPC (source: EP)
B22C 7/026 (2013.01); **B22C 9/103** (2013.01); **B22C 9/20** (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9423863 A1 19941027; AU 6630794 A 19941108; CA 2161146 A1 19941027; EP 0695227 A1 19960207; EP 0695227 A4 19970604; JP H09501356 A 19970210

DOCDB simple family (application)
US 9403936 W 19940411; AU 6630794 A 19940411; CA 2161146 A 19940411; EP 94914108 A 19940411; JP 52335994 A 19940411