

Title (en)
CLUSTER MODEL AND SHELL FOR OBTAINING AN ACCESSORY FOR THE INDEPENDENT HANDLING OF FORMED PARTS, AND ASSOCIATED METHOD

Title (de)
CLUSTER-MODELL UND -SCHALE ZUR HERSTELLUNG EINES ZUBEHÖRTEILS FÜR DIE UNABHÄNGIGE HANDHABUNG VON FORMTEILEN UND ZUGEHÖRIGES VERFAHREN

Title (fr)
MODÈLE EN FORME DE GRAPPE ET CARAPACE POUR OBTENTION D'UN ACCESSOIRE DE MANUTENTION INDÉPENDANT DE PIÈCES FORMÉES ET PROCÉDÉ ASSOCIÉ

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EP 3544754 B1 20220810 (FR)

Application
EP 17832291 A 20171222

Priority
• FR 1663392 A 20161226
• FR 2017053815 W 20171222

Abstract (en)
[origin: CA3048294A1] The invention relates principally to a cluster model and a shell (1) for the production, by lost wax casting, of a plurality of turbomachine elements, the shell (1) comprising a central sprue (3) that is fluidically connected to a casting cup (2) for receiving the molten metal, and a plurality of shell elements (4). The shell (1) is characterized in that it further comprises a plurality of bottom feed conduits (5) for the shell elements (4) and a handling accessory shell (6) that is independent of the plurality of shell elements (4) and of their metal supply circuit, such that there is no fluidic connection to the shell elements (4), the handling accessory shell (6) being fluidically connected to the central sprue (3) so as to allow top-pour casting of the handling accessory shell (6).

IPC 8 full level
B22C 7/02 (2006.01); **B22C 9/04** (2006.01)

CPC (source: EP RU US)
B22C 7/02 (2013.01 - EP RU US); **B22C 9/04** (2013.01 - EP RU); **B22C 9/043** (2013.01 - US); **B22C 9/22** (2013.01 - EP); **B22D 27/045** (2013.01 - EP); **B22C 9/082** (2013.01 - US); **B22C 9/22** (2013.01 - US); **B22D 27/045** (2013.01 - US); **F05D 2230/211** (2013.01 - US)

Cited by
CN114905006A

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