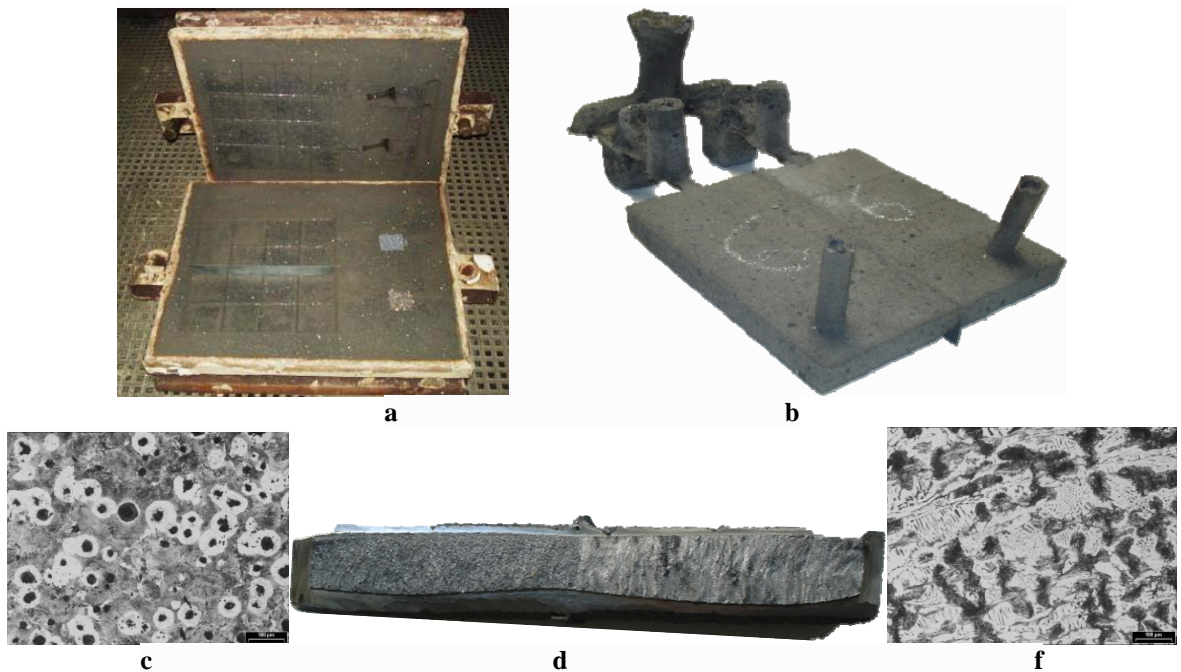
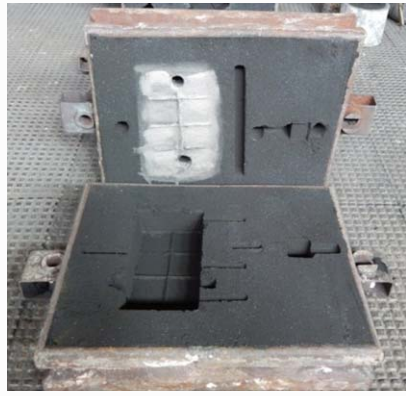


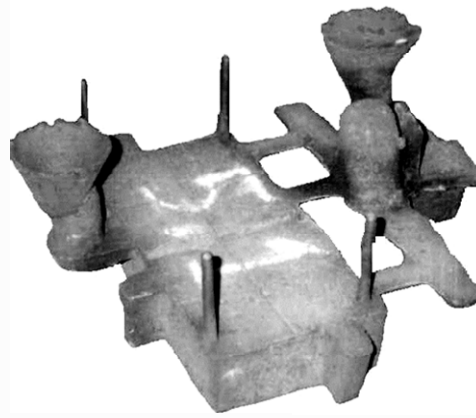
**Fig. 1.** Scheme of technological options for obtaining bilayer (a, b) and double-sided (c, d) castings of white cast iron (WCI) and high strength cast iron (HSI) on the basis of the initial white cast iron (WCI) or gray cast iron(GCI), with partial modification of metal in the mold by nodularizing (NI) or carbide-stabilizing (CSI) inoculants



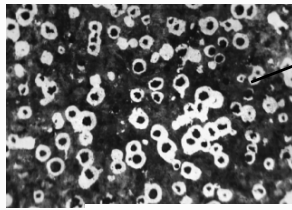
**Fig. 2.** Mold with inserted steel wall (a), double-sided castings (b), fracture (d) and microstructure of the left (c) and right (e) parts of double-sided casting ( $\times 100$ )



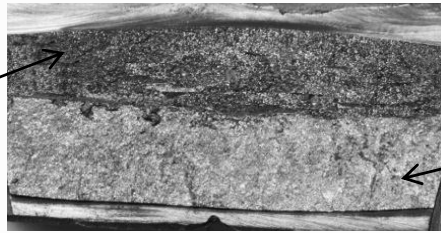
a



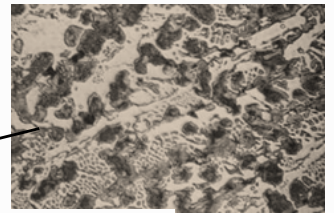
b



c



d



f

**Fig. 3.** Mold (a), two-layers iron castings (b), fracture (d) and microstructure of the upper (c) and lower (f) parts of two-layers casting