Er - Tl

МК ($\underline{M = P3Э}$, кроме Ce и Pm; 1965
X = Cu, Mg, Zn, Cd, Hg и Tl)
(крист. стр-ра)

VIII 4235

Iandelli A., Palenzona A.,

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1965, 9, №1, 1-6

Ф. Ш.

Ма

РЖ, 1966, 8Б348

$HoTl$, $ErTl$, $HoIn$, $ErIn$, $HoTl_3$, 1965
$ErTl_3$, $HoIn_3$, $ErIn_3$, $HoPt_3$, $ErPt_3$,
$HoAl_3$, $ErAl_3$, $HoAg_2$, $ErAg_2$,
VIII 4030
$HoAu_2$, $ErAu_2$. (кристалл. стр-ра)

Moriarty J. L., Gordon R. O., Humphreys J. E.,

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мл

MX_3 (M = Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Eu, Sm; 1966

X = Hg, In, Tl, Pb) VIII 4336

(крист. стр-ра)

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PX, 1966, 20Б378

RX_2 (R = РЗМ; X = Cu, Ag, Au, Zn, Cd, Hg, Ga, In, Tl) 1968
(кристалл. стр-ра)

VIII 4231

Iandelli A., Palenzona A.,
J. Less-Common Metals,
1968, 15, №3, 273-284

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$HoPl_3$, $ErPl_3$, $HoTl_3$, $ErTl_3$, $HoAl_3$, 1968
$ErAl_3$, $HoYn_3$, $ErYn_3$, $HoTl_3$ & $ErPl_3$,
$HoAl_3$, $ErAl_3$, $HoAg_2$, $ErAg_2$,
$HoAu_2$, $ErAu_2$. (кристал. стр-ра)
VIII 4.030

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VIII - 5988

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TlEr$_2$Te$_2$, 4 gp.

Kabre S, Julien-Pouzol M, Guittard M.

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Ил

есть оригинал

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„Naturwissenschaften"
1975, 62, N1, 37 (нем)

(см $RbZnF_4$; I)

(Ttr)

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Sekizawa Kazuko.,
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фазов. J. Phys. Soc. Jap., 1981,
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(см. ZnTe; III)

ErTl

1982

100: 145766x **Phase equilibria in the lanthanum-thallium and erbium-thallium systems.** Delfino, S.; Saccone, A.; Mazzone, D. (Ist. Chim. Gen., Univ. Genova, Genoa, Italy). *Congr. Naz. Chim. Inorg., [Atti], 15th* 1982, 405–7 (Eng). Soc. Chim. Ital. Div. Chim. Inorg.: Bari, Italy. The La–Tl and Er–Tl systems were investigated at 50–100 wt.% Tl by DTA, chem., microscopic and x-ray anal. In the La–Tl system, 3 eutectics occur: LaTl–La_3Tl (1100° and 58 at.% Tl), $LaTl_5$–$LaTl_3$ (1040° and 72 at.% Tl) and $LaTl_3$–Tl(β) (303° and 99.5 at.% Tl). The intermetallic compds. LaTl, La_3Tl_5 and $LaTl_3$ melt congruently at 1210, 1120 and 1060°, resp. In the Er–Tl system, the $ErTl_3$–Tl(β) eutectic occurs at 303° and >99.5 at.% Tl. The intermetallic compd. ErTl m. 1250°, Er_3Tl_5 and $ErTl_3$ decomp. peritectically at 900 and 850°, resp.

Tm;

(H) ⊠ LaTl, ● $LaTl_3$ (Tm)

C.A. 1984, 100, N 18

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Er_5Tl_4

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108: 101831a **Phase diagram of the erbium-thallium system.** /Sabirzyanov, N. A.; Yatsenko, S. P.; Kononenko, V. I. (Sverdlovsk, USSR). *Izv. Akad. Nauk SSSR, Met.* 1987, (6), 168–71 (Russ). The phase diagram was constructed from DTA, metallog., and x-ray phase anal. data. Two new intermetallic compds. Er_2Tl and Er_5Tl_4 incongruently and congruently m. 1630 ± 10, 1700 ± 10 K, resp. A eutectic occurs at 1435 K and 22 ± 0.5 at.% Tl and a eutectoid reaction occurs at 1365 K.

(Tm)

C. A. 1988, 108, N12

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