



HOT RUNNER SYSTEMS

PATENTS

Einige der in diesem Katalog aufgeführten INCOE®-Produkte unterliegen einem oder mehreren der folgenden Patente:
The INCOE® products shown may be covered by one or more of the following patents:
Les produits INCOE® présentés dans ce catalogue peuvent être couverts par l'un ou plusieurs des brevets suivants :

USA	AUSTRALIA	CANADA
6,107,610; 7,316,560; 7,367,796; 7,393,197; 7,404,713; 7,413,433; 7,458,795; 7,686,035; 9,138,928	2006201019; 2006203438	2,555,897; 2,643,447; 2,539,085; 2,742,451
CHINA	EUROPE	FRANCE
742,422	EP 01304207; EP 1993801; EP 2662194	EP 1993801; EP 01304207; EP 1 568 463; EP 1614521; EP 2226173; EP 1693177I; 2,898,392
GERMANY	HONG KONG	
EP 1993801; EP 0995574; EP 2226173; EP 01304207; EP 1 568 463; EP 1614521; EP 1693177; EP 1762361; 102004033469; 102004043949; 102012009412; 102009012082; 102005015242; 102007029493	HK1098922	
	MONACO	ISRAEL
	EP 2226173	174200
	JAPAN	KOREA
	4927880; 4976728; 5523515	10-1223946; 10-1353362
ITALY		
EP 1993801; EP 01304207; EP 1 568 463; EP 1614521; EP 1693177; 1373692		
MEXICO	NETHERLANDS	SINGAPORE
278721	EP 01304207; EP 1 568 463; EP 1693177; 1031334; EP 2226173	135987; 139597
SPAIN	SWEDEN	SWITZERLAND
EP 01304207; EP 1 568 463; EP 2226173; EP 1693177; 2294920	EP 1993801; EP 01304207; EP 1 568 463; EP 1693177	EP 01304207; EP 1 568 463; EP 1614521; EP 2226173; EP 1693177; EP 1762361; 699628
TAIWAN	UNITED KINGDOM	CZECH REPUBLIC
I305748; I359073; I414411	EP 1993801; EP 01304207; EP 1 568 463; EP 2226173; EP 1693177	EP 01304207; EP 1 568 463; EP 1693177
PORTUGAL	HUNGARY	POLAND
EP 01304207; EP 1 568 463; EP 1635074; EP 2226173; EP 1693177	EP 1 568 463; EP 1693177	EP 1 568 463; EP 1693177
LUXEMBOURG	AUSTRIA	BELGIUM
EP 1614521; EP 2226173; EP 1762361	EP 2226173	EP 2226173

Weitere Patente sind angemeldet • Other USA and foreign patents pending • Autres brevets applicables



PARTIAL NON BINDING SUMMARY OF EXPRESS WARRANTY

INCOE CORPORATION ("INCOE") warrants to buyer those products (or portions thereof) that INCOE manufactures to be free from defects in material and workmanship for the periods given in the table below. The warranty term is measured from the date of shipment from INCOE for the periods provided in the INCOE General Terms and Conditions of Sale referenced below ("INCOE Warranty"). INCOE's exclusive obligation and buyer's exclusive remedy under the INCOE Warranty is limited to repair (by INCOE or INCOE's designated representative) or replacement of parts, FOB INCOE, at INCOE's sole discretion.

INCOE will assign to buyers whatever assignable warranty INCOE receives on product sold by INCOE but not manufactured by INCOE. The INCOE Warranty and the repair or replacement remedy on INCOE manufactured product and INCOE's obligations on all product sold by INCOE are subject to further conditions, limitations and disclaimers of implied warranties contained in INCOE's General Terms and Conditions of Sale, which are located on our website www.INCOE.com. They are subject to change without notice prior to any sale. Thus, this partial summary is not a binding document. The INCOE Warranty does not cover, for example only, the following:

- (a) Repair or replacement due to normal wear, or damage caused during maintenance, repair or use.
- (b) Damage from failure to follow recommended maintenance and operating procedures, as outlined in any applicable INCOE manual.
- (c) Damage arising from modifications not included in the procedures in any applicable INCOE manual.
- (d) Damage to components due to product or mold design.
- (e) Damage resulting from the use of unauthorized parts, or authorized parts which are supplied, manufactured or modified by procedures not included in any applicable INCOE manual or the parts list.
- (f) Consequential loss, personal injury, damage to goods and/or equipment, work stoppages, delays, or slowdowns in production.
- (g) Transportation charges and local sales taxes for replaced or repaired parts.
- (h) Expenses resulting from meeting local codes and standards.
- (i) Normal maintenance and perishable or wear items.

Hot Runner Systems & Components Other Than Wear Components	1 Year	Wear Components Including Thermocouples, Valve Gate Sleeve Seals (Pin Seals), Valve Gate Seals, Tips & Valve Pins	6 Months
Threaded Nozzle Hot Runner Systems	Total of 3 Years Leak Free	Controllers (Temperatures/Valve Gate)	2 Years
Nozzle Heaters	3 Years	All other Goods (including Services)	90 Days

If replacement parts are to be furnished or claimed under the INCOE Warranty, the buyer must submit a purchase order for the replacement parts and return the failed part to INCOE. Replacement product and a return authorization number will be sent promptly on receipt of purchase order and approval of credit. Upon return of the part and approval by INCOE, a credit memo will be issued if the part is covered under INCOE Warranty. Failure to return the failed part within 30 days of receipt of the replacement part will result in rejection of the warranty claim and the waiver of such claim.

Parts may not be returned without a return authorization number from INCOE. Returned parts must be properly identified with a tag showing the INCOE job number, return authorization number and date, be packaged so as to avoid further damage in shipping, and shipped to the location specified by INCOE. INCOE may deny a warranty claim without liability if this procedure is not followed completely.

The INCOE Warranty may be expanded only by a specific individual contract signed by an INCOE officer.

(2/19/19) (1495324.5)



**UMRECHNUNGSTABELLE
METRIC CONVERSION TABLE
TABLEAU DE CONVERSION AU SYSTÈME MÉTRIQUE**

Nominal Diameter	Shaft												
	Hole						Shaft						
	H7	n6	m6	k6	j6	h6	g6	f6	mm	in	mm	in	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
1.5	0.059	0.01	0.0004	0.008	0.0003	0.006	0.0002	0.004	0.0002	0	0.0000	-0.002	-0.0001
3	0.118	0	0.0000	0.002	0.0001	0	0.0000	-0.002	-0.0001	-0.006	-0.0002	-0.008	-0.0003
3	0.118	0.012	0.0005	0.012	0.0005	0.009	0.0004	0.006	0.0002	0	0.0000	-0.004	-0.0002
6	0.236	0	0.0000	0.004	0.0002	0.001	0.0000	-0.002	-0.0001	-0.008	-0.0003	-0.012	-0.0005
6	0.236	0.015	0.0006	0.015	0.0006	0.01	0.0004	0.007	0.0002	0	0.0000	-0.005	-0.0002
10	0.394	0	0.0000	0.002	0.0002	0.001	0.0000	-0.002	-0.0001	-0.009	-0.0004	-0.014	-0.0006
10	0.394	0.018	0.0007	0.018	0.0007	0.012	0.0005	0.008	0.0003	0	0.0000	-0.006	-0.0002
14	0.551	0	0.0000	0.003	0.0003	0.001	0.0000	-0.003	-0.0001	-0.011	-0.0004	-0.017	-0.0007
14	0.551	0.023	0.0009	0.023	0.0009	0.012	0.0005	0.008	0.0003	0	0.0000	-0.006	-0.0002
18	0.709	0	0.0000	0.003	0.0003	0.001	0.0000	-0.003	-0.0001	-0.011	-0.0004	-0.017	-0.0007
18	0.709	0.021	0.0008	0.021	0.0008	0.015	0.0006	0.009	0.0004	0	0.0000	-0.007	-0.0003
24	0.945	0	0.0000	0.006	0.0003	0.002	0.0001	-0.004	-0.0002	-0.013	-0.0005	-0.02	-0.0008
24	0.945	0.021	0.0008	0.021	0.0008	0.015	0.0006	0.009	0.0004	0	0.0000	-0.007	-0.0003
30	1.181	0	0.0000	0.006	0.0003	0.002	0.0001	-0.004	-0.0002	-0.013	-0.0005	-0.02	-0.0008
30	1.181	0.025	0.0010	0.025	0.0010	0.018	0.0007	0.011	0.0004	0	0.0000	-0.009	-0.0004
40	1.575	0	0.0000	0.007	0.0004	0.002	0.0001	-0.005	-0.0002	-0.016	-0.0006	-0.025	-0.0010
40	1.575	0.025	0.0010	0.025	0.0010	0.018	0.0007	0.011	0.0004	0	0.0000	-0.009	-0.0004
50	1.968	0	0.0000	0.007	0.0004	0.002	0.0001	-0.005	-0.0002	-0.016	-0.0006	-0.025	-0.0010
50	1.968	0.025	0.0010	0.025	0.0010	0.018	0.0007	0.011	0.0004	0	0.0000	-0.009	-0.0004
60	1.968	0.03	0.0012	0.03	0.0012	0.021	0.0008	0.012	0.0005	0	0.0000	-0.01	-0.0004
65	2.559	0	0.0000	0.008	0.0004	0.002	0.0001	-0.007	-0.0003	-0.019	-0.0007	-0.029	-0.0011
65	2.559	0.039	0.0015	0.039	0.0015	0.021	0.0008	0.012	0.0005	0	0.0000	-0.01	-0.0004
80	3.150	0	0.0000	0.008	0.0004	0.002	0.0001	-0.007	-0.0003	-0.019	-0.0007	-0.029	-0.0011
80	3.150	0.039	0.0015	0.039	0.0015	0.021	0.0008	0.012	0.0005	0	0.0000	-0.01	-0.0004